

**DRAFT
INITIAL STUDY AND
MITIGATED NEGATIVE DECLARATION**

**CITY OF DINUBA
NORTHWEST DINUBA SPECIFIC PLAN**



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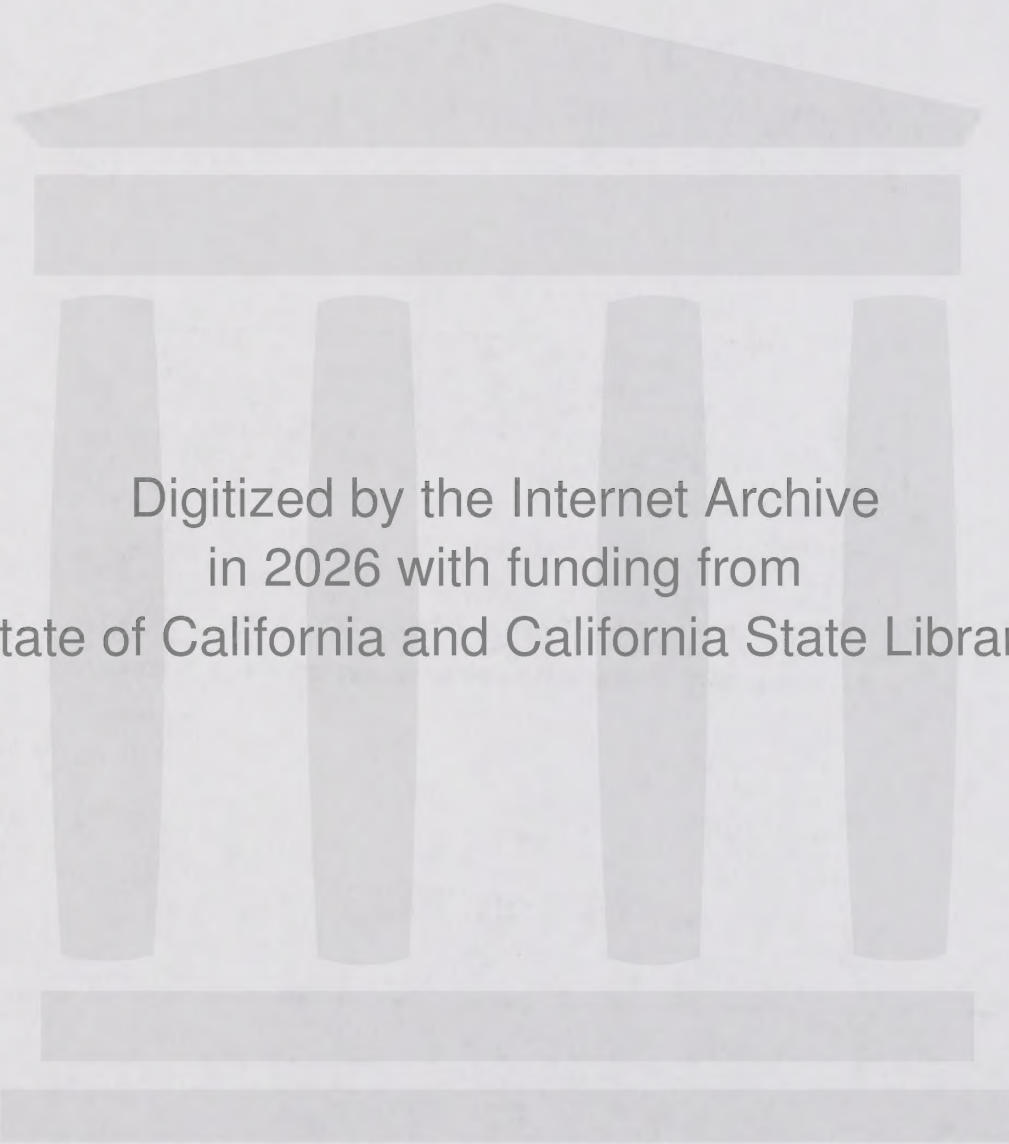
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March 2003



Quad Knopf



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**Draft
Initial Study and
Mitigated Negative Declaration**

**City of Dinuba
Northwest Dinuba Specific Plan**

March 2003

Prepared For:



City of Dinuba
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Dinuba, California 93618
Contact: Darrin Jenkins
Phone: (559) 591-5944

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CHAPTER ONE

INTRODUCTION

CHAPTER ONE

INTRODUCTION

CHAPTER ONE – INTRODUCTION

1.1 Purpose and Authority

The proposed project for which this Mitigated Negative Declaration has been prepared is the approval of the Northwest Specific Plan for the City of Dinuba. This document has been prepared in accordance with the California Environmental Quality Act (CEQA), Public Resources Code 21000 et. seq. The City of Dinuba will act as the lead agency for this project pursuant to CEQA.

1.2 Determination

On the basis of the Initial Study and the evaluation of the City of Dinuba's General Plan and the Environmental Impact Report thereon (SCH #97062045), it has been determined that the project will not have a significant impact on the environment, and a Mitigated Negative Declaration is proposed for adoption.

1.1 Background and Justification

The purpose of this chapter is to provide an overview of the research project. It will discuss the background and justification for the study, the research objectives, and the scope of the study. The chapter will also provide a brief overview of the research methodology and the structure of the thesis.

1.2 Objectives

The objectives of this study are to investigate the relationship between the independent variable and the dependent variable. The study will also aim to identify the factors that influence the relationship between the two variables. The research will be conducted using a quantitative approach, and the data will be analyzed using statistical methods.

CHAPTER TWO

PROJECT SUMMARY

CHAPTER TWO

PROJECT SUMMARY

CHAPTER TWO

PROJECT SUMMARY

CHAPTER TWO – PROJECT SUMMARY

2.1 *Project Location*

The proposed project is located in Tulare County, California. The geographic area covered by the project includes approximately one square mile, and is bound by Avenue 424 (Nebraska Avenue) on the north, Alta Avenue on the east, El Monte Way on the south, and Road 72 on the west. Figures 2-1 and 2-2 show Dinuba's Regional Location and City Limits, and Figure 2-3 shows the Northwest Specific Plan Area as described above.

2.2 *Project Description*

The proposed project includes the approval of the City of Dinuba's Northwest Specific Plan. The Plan will be implemented over approximately 20 years (until 2020). The purpose of this Plan is to establish the policy framework for the long-term evolution and development of land uses and supportive infrastructure and services for the Plan Area; and to identify the type, nature, and phasing of commercial, office, public facility, and residential development in the northwest portion of the City. The Specific Plan will result in changes to the City's General Plan, as indicated in Appendix A, Revisions to the General Plan.

This document hereby incorporates by reference the City of Dinuba General Plan Update EIR of September 1997 (SCH #97062045). All mitigation measures set forth by the General Plan EIR shall be incorporated into the plans for development under the Northwest Dinuba Specific Plan.

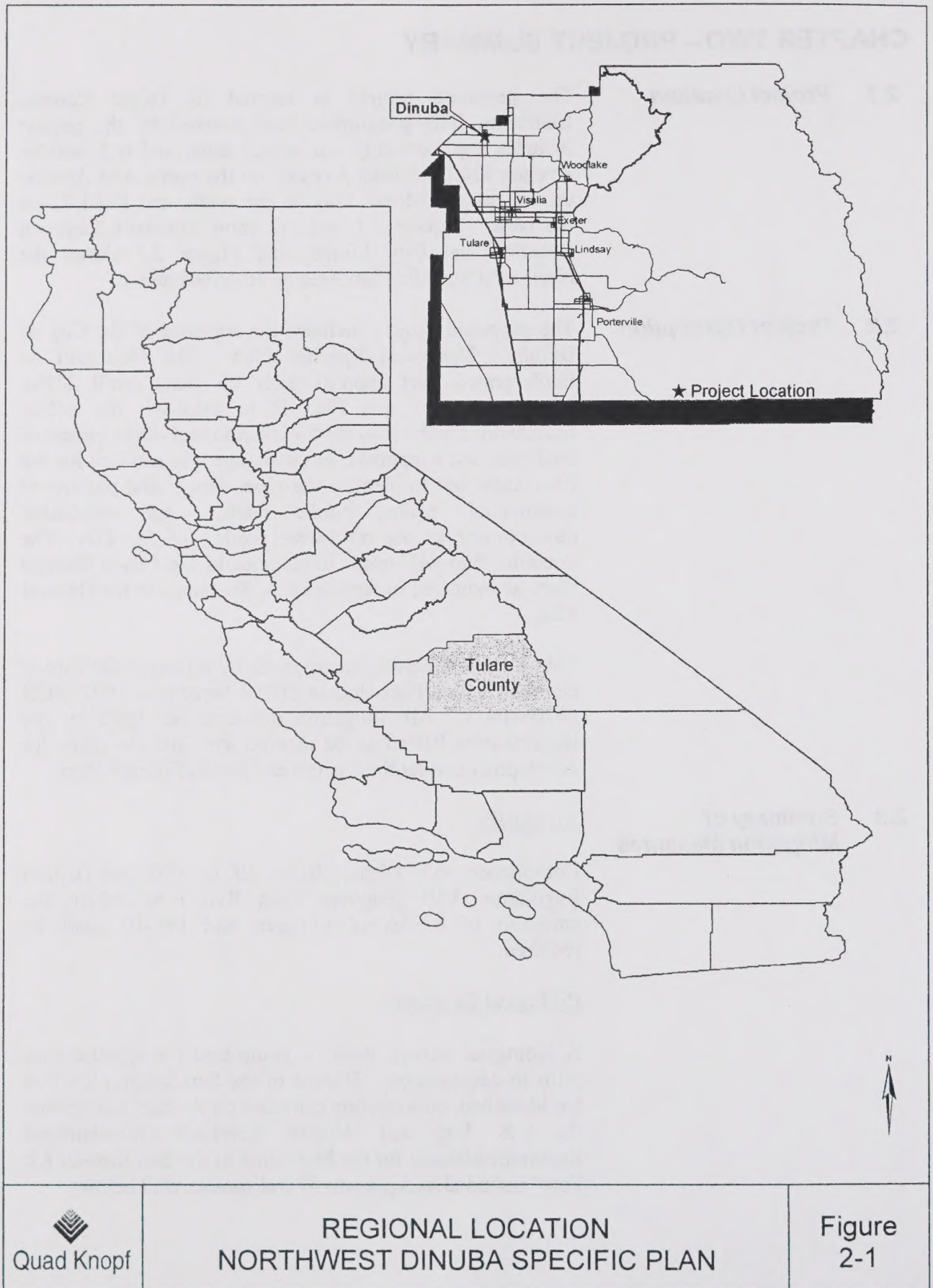
2.3 *Summary of Mitigation Measures*

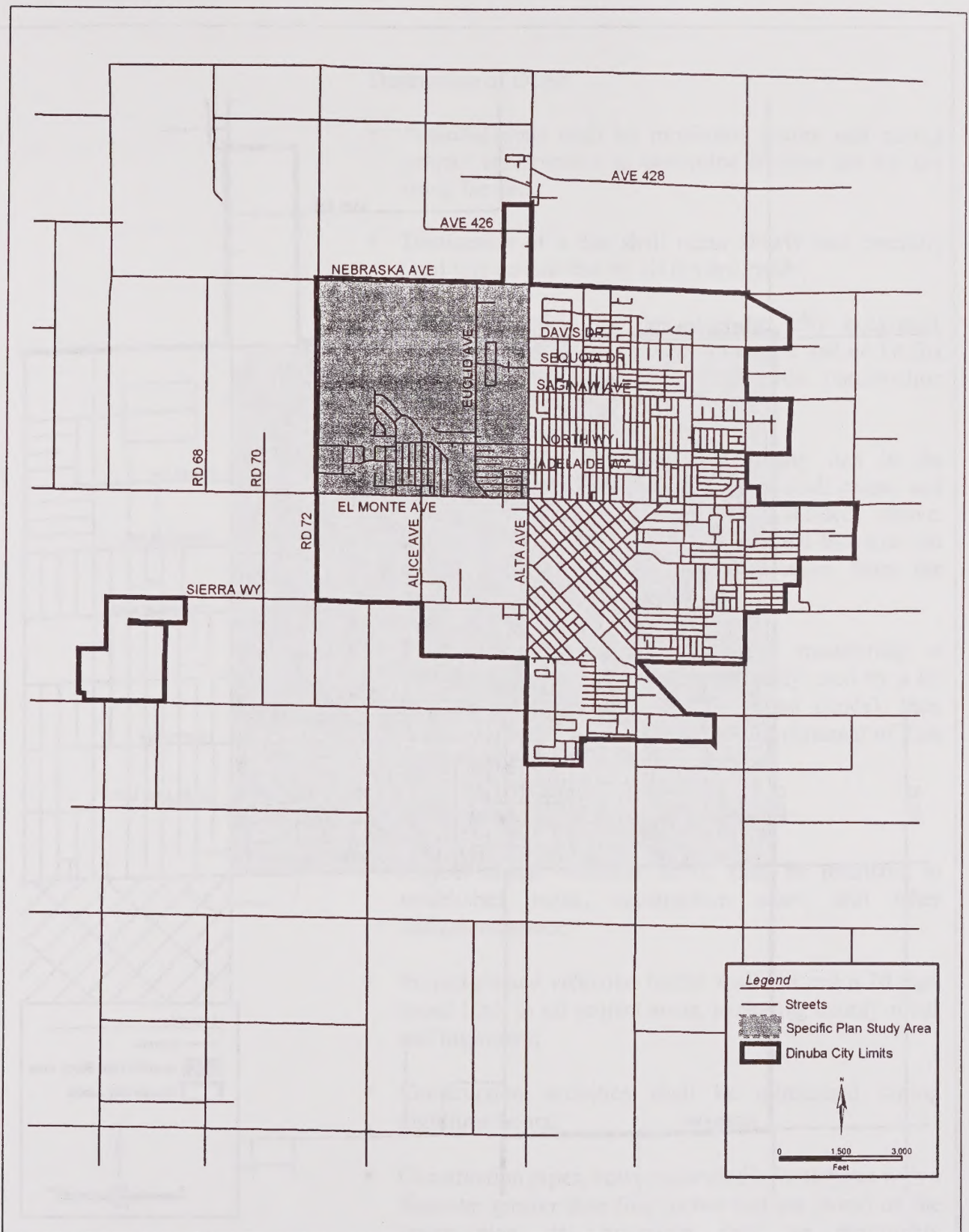
Air Quality

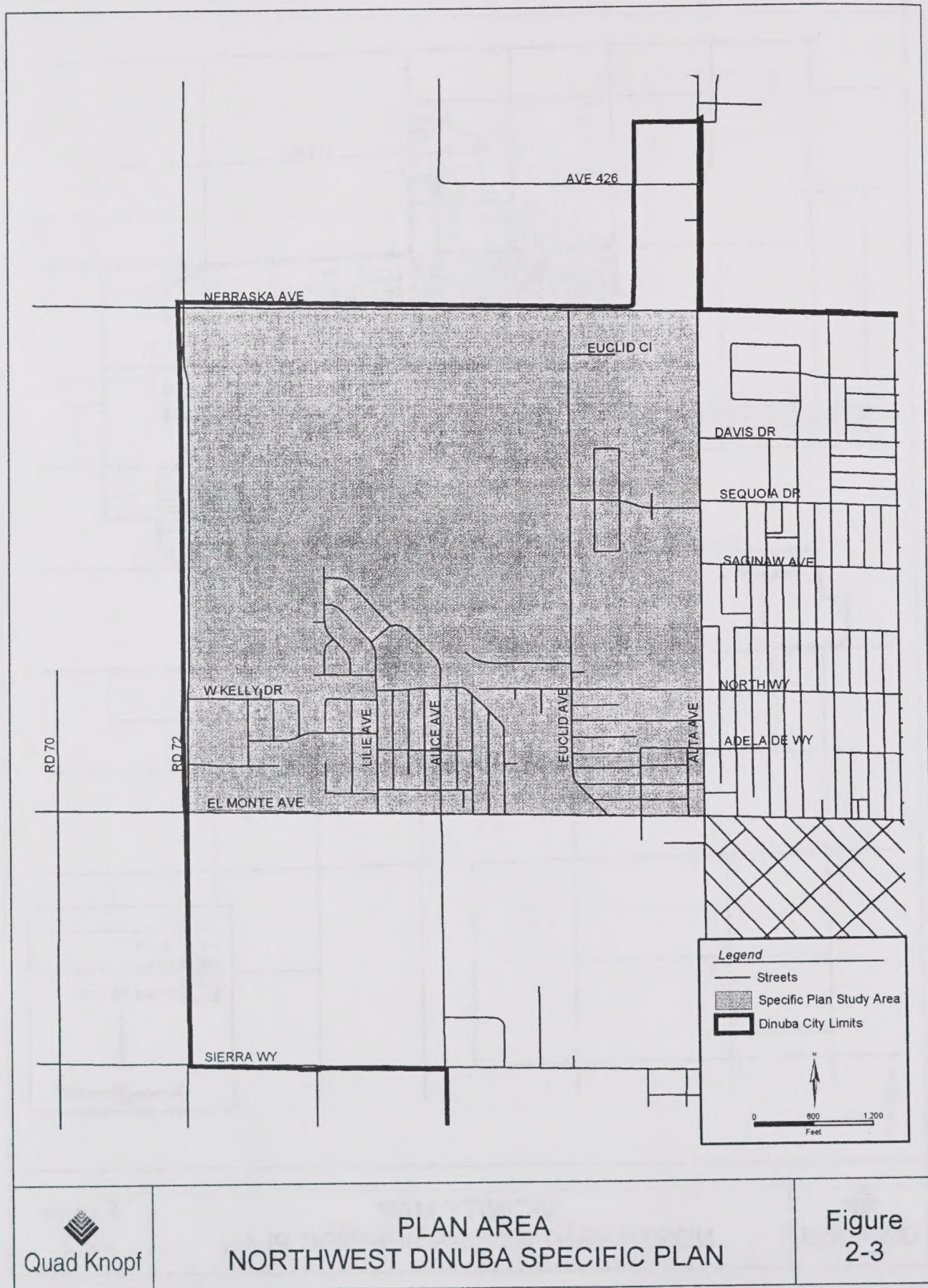
Compliance with District Rules 4901, 4902 and District Regulation VIII (Fugitive Dust Rules) to reduce the emission of oxides of nitrogen and PM-10 shall be required.

Biological Resources

A biological survey shall be completed for specific sites prior to development. If dens of the San Joaquin Kit Fox are identified, construction activities on the site shall follow the U.S. Fish and Wildlife Service's "Standardized Recommendations for the Protection of the San Joaquin Kit Fox," included as Appendix B and summarized below:







Destruction of Dens:

- Potential dens shall be monitored before and during project construction to determine if there are kit fox using the den;
- Destruction of a den shall occur slowly and carefully until it is certain that no kit fox are inside;
- After destruction, the den shall be fully excavated, filled with dirt, and compacted to ensure that no kit fox can reenter or use the den during the construction period;
- Upon discovery of a kit fox in any den in the construction area, excavation activity shall cease, and monitoring shall continue as described above. Destruction may resume when a qualified biologist has determined that the kit fox has escaped from the partially destroyed den; and,
- If any den is determined through monitoring or destruction to be currently or previously used by a kit fox (i.e. evidence of a kit fox found inside), then destruction shall cease and the U.S. Department of Fish and Wildlife Services shall be notified.

Construction and Operational Requirements:

- Project-related vehicular traffic shall be restricted to established roads, construction areas, and other designated areas;
- Project-related vehicular traffic shall observe a 20 mph speed limit in all project areas, excluding county roads and highways;
- Construction activities shall be minimized during nighttime hours;
- Construction pipes, culverts, or similar structures with a diameter greater than four inches that are stored on the construction site overnight shall be thoroughly examined for the presence of kit fox prior to use. If a kit fox is discovered in such a pipe, it shall not be moved prior to consultation with the U.S. Fish and Wildlife Service;

- Food-related trash items shall be disposed of in closed containers and removed once a week from the construction site;
- No firearms shall be allowed on the construction site;
- No pets shall be allowed on the construction site; and,
- The use of roenticides and herbicides shall be restricted in the construction area. If rodent control must be conducted, zinc phosphide shall be used for such control.

Cultural Resources

Upon the uncovering or other discovery of artifacts or cultural resources during construction activities in the Plan Area, all construction activity on the site shall be halted, and a qualified archaeologist shall be called to the site to identify the resource and recommend mitigation in the event of the resource's cultural significance.

Noise

Construction activities shall be restricted to the hours between 7:00 a.m. and 7:00 p.m. on Monday through Friday and 9:00 a.m. and 6:00 p.m. on Saturday and Sunday.

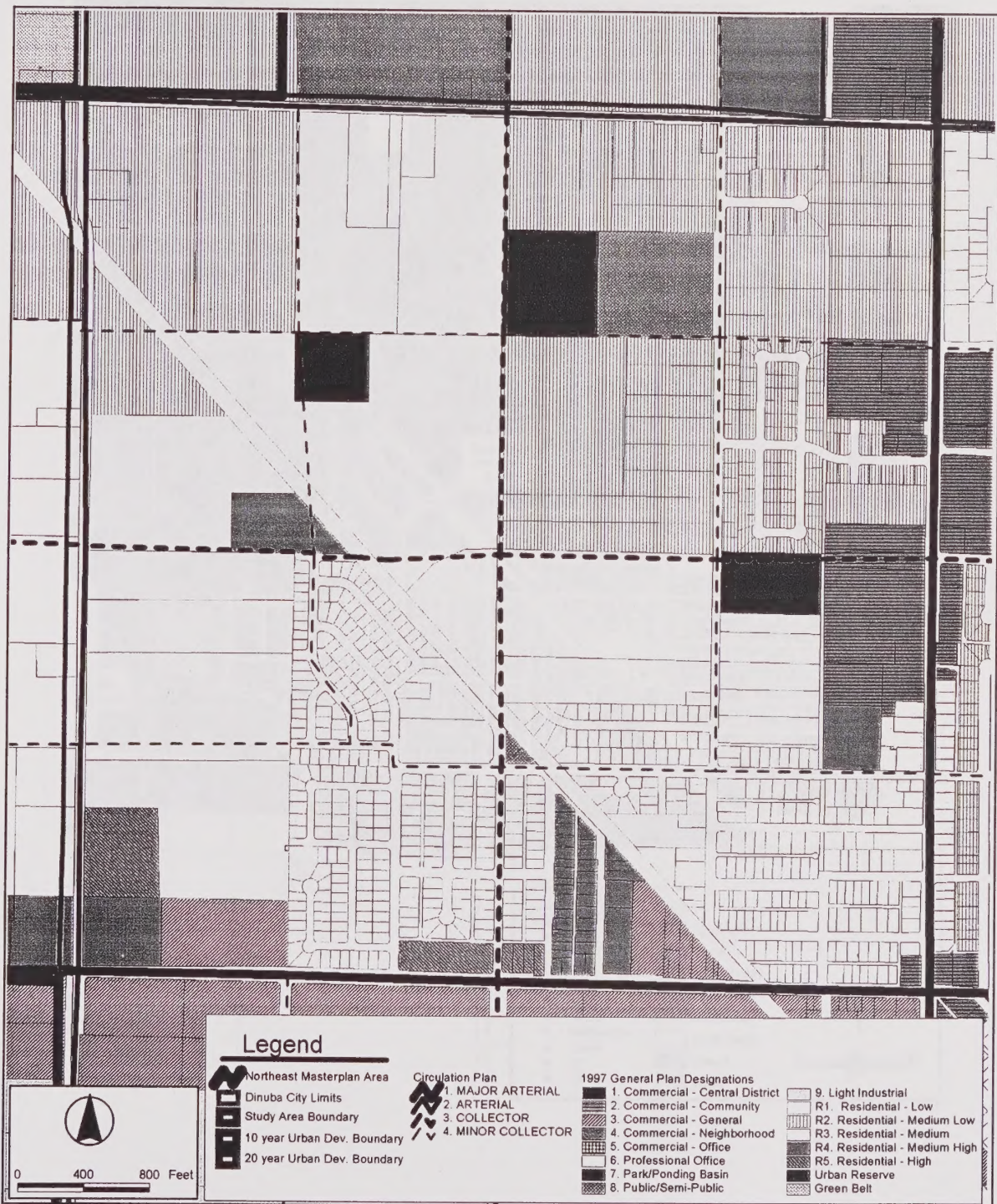
- ## CHAPTER THREE
- ### ENVIRONMENTAL CHECKLIST

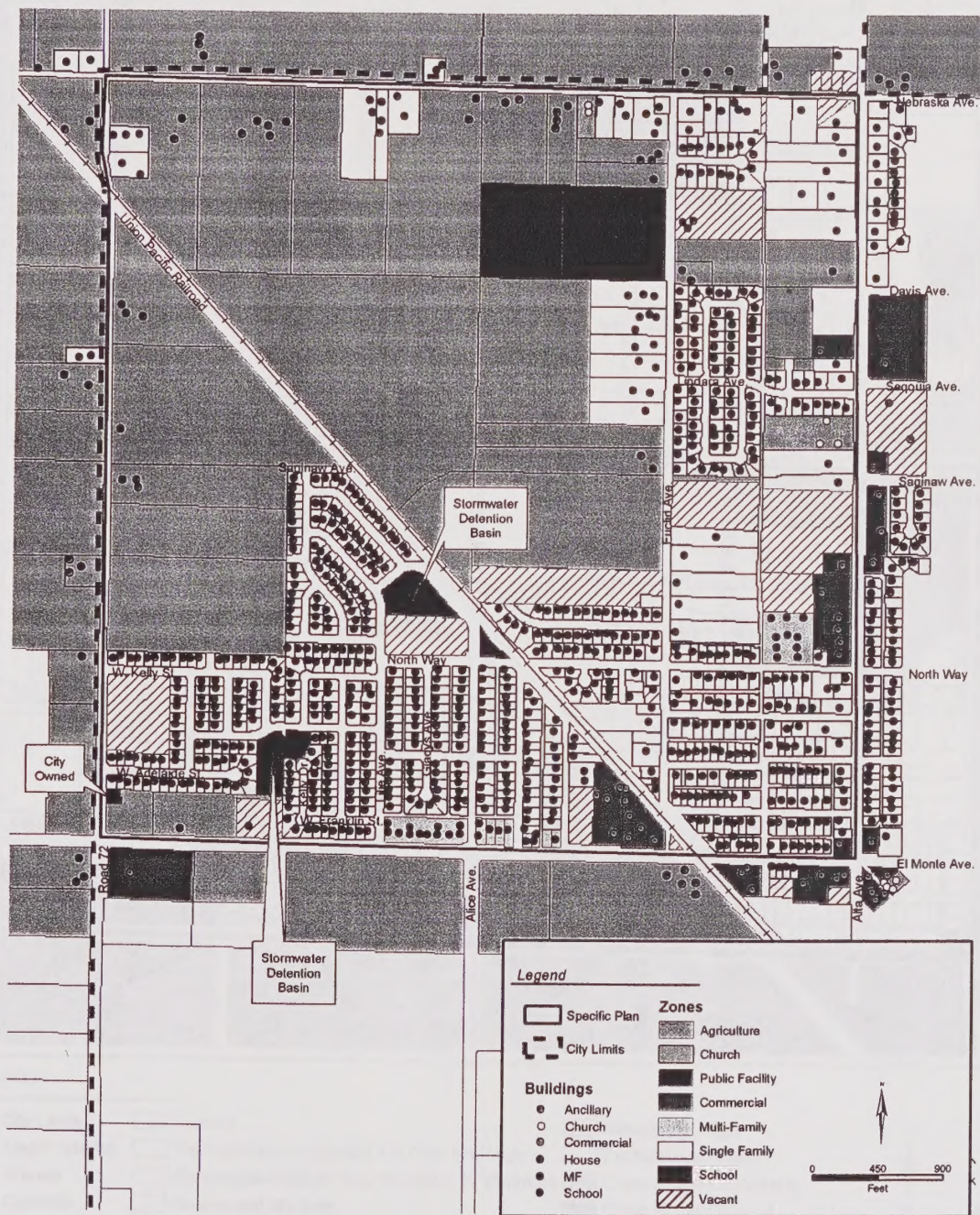
CHAPTER THREE

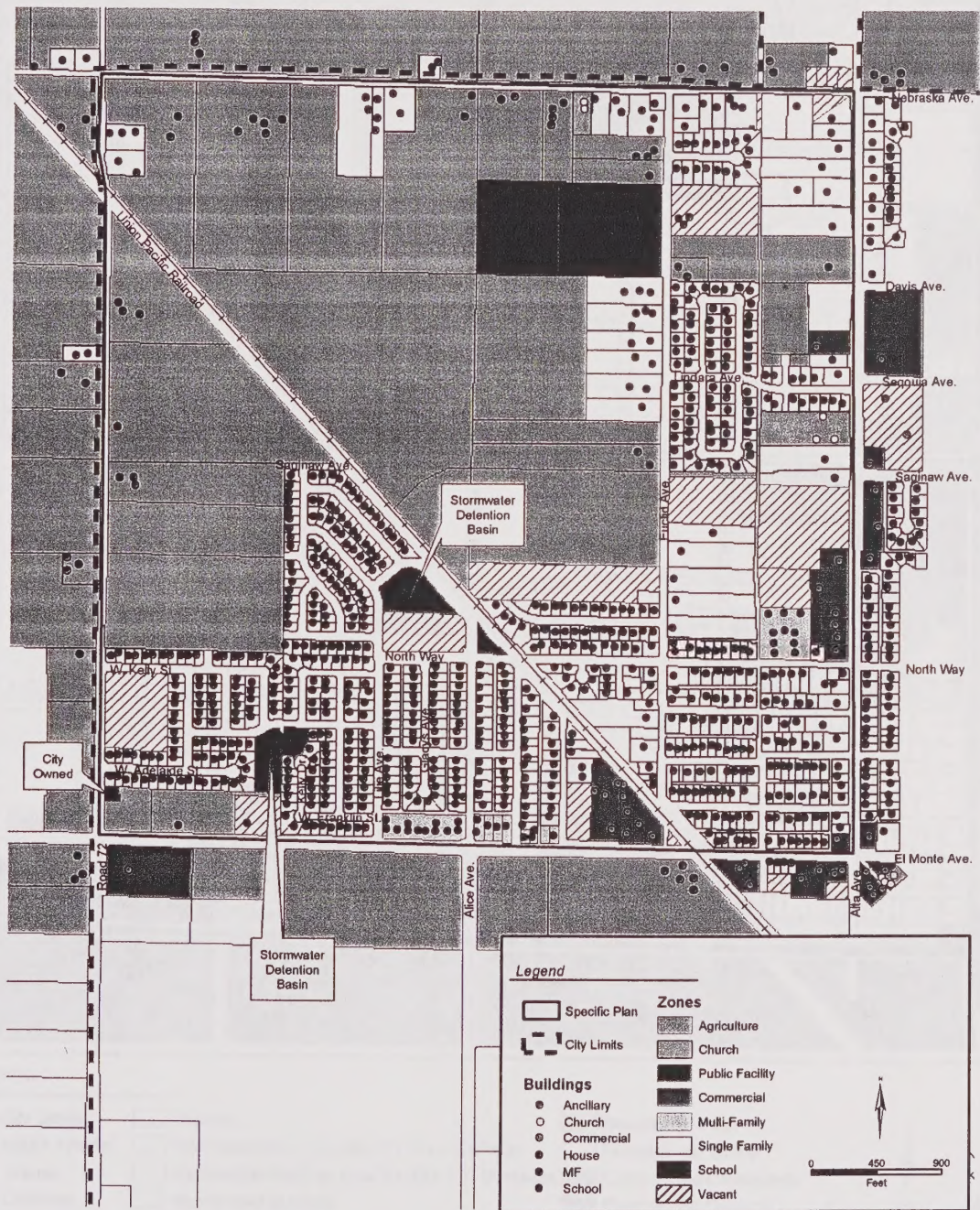
ENVIRONMENTAL CHECKLIST

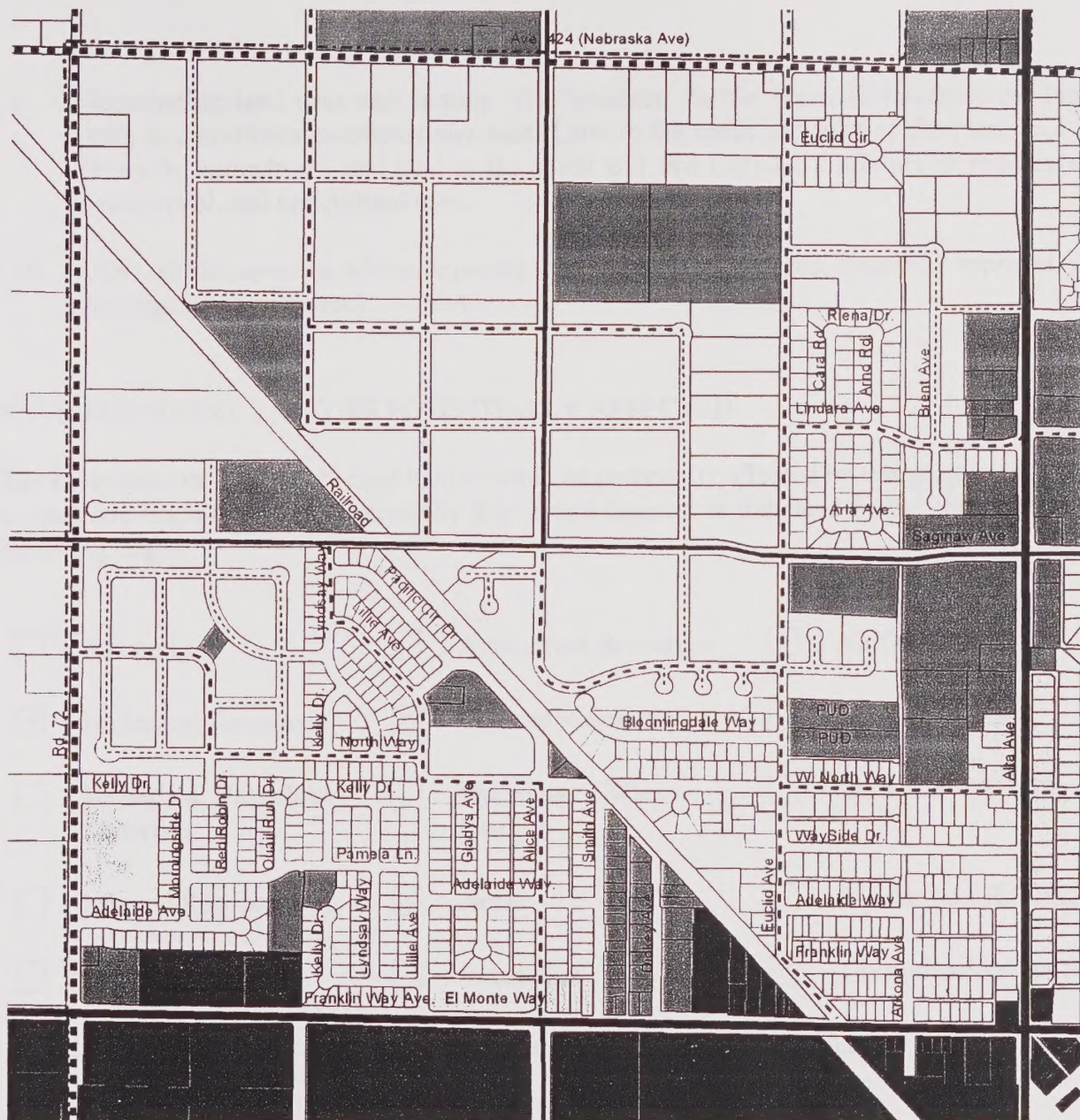
CHAPTER THREE - ENVIRONMENTAL CHECKLIST FORM

1. Project title: Northwest Dinuba Specific Plan
2. Lead agency name and address: City of Dinuba
405 East El Monte Way
Dinuba, CA 93618
3. Contact person and phone number: Darrin Jenkins, Public Works Director
(559) 591-5924
4. Project location: The proposed project is located in the City of Dinuba, Tulare County, California. The geographic area covered by the project includes approximately one square mile, and is bound by Avenue 424 (Nebraska Avenue) on the north, Alta Avenue on the east, El Monte Way on the south, and Road 72 on the west. Figures 2-1 and 2-2 show Dinuba's regional location and city limits, and Figure 2-3 shows the Specific Plan Area as described above.
5. Project sponsor's name and address: City of Dinuba
Darrin Jenkins
405 East El Monte Way
Dinuba, CA 93618
6. General Plan designation: The General Plan designation of the land in the Plan Area is illustrated in Figure 3-1, and consists of a mixture of residential, open space, public facilities, and commercial uses.
7. Zoning: The Plan Area is zoned for a variety of uses, including single-family residential (R-1-7), general commercial (C-4), multi-family residential (RM-1, RM-2, and RM-3), professional office (PO), resource conservation, public use and open space district (RCO), and community commercial (C-3).
8. Description of project: The proposed Plan Area has recently been annexed to the City of Dinuba, is approximately one square mile, and a majority of the property is under agricultural use, as shown in Figure 3-2, Existing Land Use Map. The Specific Plan, to be evaluated in the Mitigated Negative Declaration, is consistent with the City's General Plan with the General Plan Amendments proposed in Section 2.2 of this Mitigated Negative Declaration. The Specific Plan will be implemented over approximately the next 20 years (until 2020) for the purpose of establishing the policy framework for the long-term evolution and development of land uses and supportive infrastructure and services in the Plan Area, and to identify the type, nature, and phasing of commercial, office, public facility, and residential development in the northwest portion of the City. Changes to the existing land uses, proposed by the Specific Plan, for the Plan Area are shown in Figure 3-3, Proposed Land Use Map. As shown in the figure, the Plan Area will be primarily used for residential purposes, including a mixture of low, medium, and high density residential uses, with small portions of commercial development and public facilities interspersed.









Legend

- | | | |
|-----------------|--|----------------------|
| City Limits | Parcels | Residential-High |
| Major Arterial | Residential-Low Density 1/2 Acre Minimum | Professional Office |
| Arterial | Residential-Medium Low 10,000 S.F. Minimum | Commercial-Community |
| Collector | Residential-Medium | Commercial-General |
| Minor Collector | Residential-Medium High | Park/Pond Basin |
| Future Local | | Public/Semi-Public |




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PROPOSED LAND USE NORTHWEST DINUBA SPECIFIC PLAN

Figure
3-3

9. Surrounding land uses and setting: The Southern Pacific Railroad traverses the Plan Area in a northwest/southeast direction. Land to the north and west of the Plan Area is primarily agricultural, and land to the south and east includes a mixture of residential, commercial, and agricultural uses.
10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement.): N/A

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

- | | | |
|--|---|--|
| ☐ Aesthetics | ☐ Agriculture Resources | ☐ Air Quality |
| ☒ Biological Resources | ☒ Cultural Resources | ☐ Geology /Soils |
| ☐ Hazards & Hazardous Materials | ☐ Hydrology / Water Quality | ☐ Land Use / Planning |
| ☐ Mineral Resources | ☒ Noise | ☐ Population / Housing |
| ☐ Public Services | ☐ Recreation | ☒ Transportation/Traffic |
| ☐ Utilities / Service Systems | ☐ Mandatory Findings of Significance | |

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation:

- ☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- ☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

- ☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- ☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- ☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature

Date

Signature

Date

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1. AESTHETICS -- Would the project:

a) Have a substantial adverse effect on a scenic vista?

☐☐☐☒

Response: The Plan Area is currently under agricultural use, and the development proposed by the Specific Plan will not significantly interfere with the views of surrounding areas as it does not include the construction of large-scale buildings.

b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

☐☐☐☒

Response: The Plan Area is not located along a State Scenic Highway (Tulare County. Scenic Highways Element of the General Plan. September 1975. pp. 6).

c) Substantially degrade the existing visual character or quality of the site and its surroundings?

☐☐☐☒

Response: The Plan Area is predominantly under agricultural use. The urbanization of this land, within the City Limits of the City of Dinuba, will not significantly affect scenic resources (Project Description).

d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

☐☐☒☐

Response: The proposed Specific Plan includes the installation of street lighting and facilities that will produce additional light and glare. However, circulation policies of the proposed Specific Plan require that the added lighting be pedestrian oriented to reduce impacts associated with the spread of light.

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2. AGRICULTURE RESOURCES -- In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:

a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

☐☐☒☐

Response: As shown in Figure 3-1, General Plan Land Use, the Plan Area is comprised of land uses varying from low to high density residential, public/semi-public, and open space/park. Although portions of land in the Plan Area are currently under agricultural use, the land has been designated for non-agricultural use. This designation was analyzed in the General Plan Update EIR and found to be a less than significant impact. (City of Dinuba. General Plan Update EIR SCH #97062045. September 1997. pp 3-20).

b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?

☐☐☐☒

Response: As shown in Figure 3-1, General Plan Land Use, land in the Plan Area is comprised of uses varying from low to high density residential, public/semi-public, and parks/open space. Although portions of the Plan Area are currently under agricultural use, none of the land is designated for such use under the General Plan, and is not held under a Williamson Act contract (General Plan. Land Use Designation Map, Figure 3-1).

c) Involve other changes in the existing environment which, due to their location

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or nature, could result in conversion of Farmland, to non-agricultural use?

Response: Development under the Specific Plan will not result in other changes to the environment that could result in the conversion of agricultural land to non-agricultural use (Project Description).

3. AIR QUALITY -- Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

a) Conflict with or obstruct implementation of the applicable air quality plan?

☐☒☐☐

Response: Tulare County has been classified as an area of severe non-attainment for ozone and PM₁₀. However, the development of additional housing and commercial uses in the Plan Area has been proposed to accommodate the growth predicted by the City of Dinuba's General Plan. Air quality impacts associated with this growth have been analyzed in the EIR for the General Plan, and the impacts have been determined to be less than significant due to the policies for compliance with emission reducing measures as established by the San Joaquin Valley Air Pollution Control District and summarized in Tables 3-1 and 3-2 (City of Dinuba. General Plan Update EIR. September 1997. pp. 3-4).

b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

☐☒☐☐

Response: See response 3a).

Table 3-1
Regulation VIII Control Measures for Construction Emissions of PM₁₀

Regulation VIII Control Measures. - The following controls are required to be implemented at all construction sites. (Includes changes effective May 15, 2002)

- All disturbed areas, including storage piles, which are not being actively utilized for construction purposes, shall be effectively stabilized of dust emissions using water, chemical stabilizer/suppressant, covered with a tarp or other suitable cover or vegetative ground cover.
 - All on-site unpaved roads and off-site unpaved access roads shall be effectively stabilized of dust emissions using water or chemical stabilizer/suppressant.
 - All land clearing, grubbing, scraping, excavation, land leveling, grading, cut & fill, and demolition activities shall be effectively controlled of fugitive dust emissions utilizing application of water or by presoaking.
 - With the demolition of buildings up to six stories in height, all exterior surfaces of the building shall be wetted during demolition.
 - When materials are transported off-site, all material shall be covered, or effectively wetted to limit visible dust emissions, and at least six inches of freeboard space from the top of the container shall be maintained.
 - All operations shall limit or expeditiously remove the accumulation of mud or dirt from adjacent public streets at the end of each workday. *(The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions.) (Use of blower devices is expressly forbidden.)*
 - Following the addition of materials to, or the removal of materials from, the surface of outdoor storage piles, said piles shall be effectively stabilized of fugitive dust emissions utilizing sufficient water or chemical stabilizer/suppressant.
 - Within urban areas, trackout shall be immediately removed when it extends 50 or more feet from the site and at the end of each workday.
 - Any site with 150 or more vehicle trips per day shall prevent carryout and trackout.
-

**Table 3-2
Construction Equipment Mitigation Measures**

Heavy duty equipment (scrapers, graders, trenches, earth movers, etc.)	▪ Use of alternative fueled or catalyst equipped diesel construction equipment.
	▪ Minimize idling time (e.g., 10 minute maximum). ▪ Limit the hours of operation of heavy duty equipment and/or the amount of equipment in use. ▪ Replace fossil-fueled equipment with electrically driven equivalents (provided they are not run via a portable generator set). ▪ Curtail construction during periods of high ambient pollutant concentrations; this may include ceasing of construction activity during the peak-hour of vehicular traffic on adjacent roadways. ▪ Implement activity management (e.g. rescheduling activities to reduce short-term impacts).

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	☐	☐	☒	☐

Response: See response 3a).

d) Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☒	☐
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Response: See response 3a).

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
e) Create objectionable odors affecting a substantial number of people?	☐	☐	☐	☒

Response: The Specific Plan includes development plans for residential and commercial uses, and will not result in the creation of objectionable odors in the Plan Area (Project Description).

4. BIOLOGICAL RESOURCES --

Would the project:

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
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Response: A search of the California Department of Fish and Game National Diversity Database (included in Appendix B) identifies three species of concern that have been sited in the Reedley Quadrangle, in which the Plan Area is located. These species include the San Joaquin Kit Fox (*Vulpes Macrotis Mutica*), the Valley Elderberry Longhorn Beetle (*Desmocerus Californicus Dimorphus*), and the San Joaquin Adobe Sunburst (*Pseudobahia Peirsonii*).

The Plan Area, however, has been under intensive agricultural and residential use for several years. Therefore, habitats for such species have largely been removed, with the exception of those for the San Joaquin Kit Fox, which may still use the area for hunting and/or foraging. Prior to development, a biological survey for dens of the San Joaquin Kit Fox shall be completed for each development site. If dens are identified during this survey, construction activities on the site shall follow the U.S. Fish and Wildlife Service's "Standardized Recommendations for the Protection of the San Joaquin Kit Fox Prior to or During Ground Disturbance," appended hereto as Appendix C, which includes the following recommendations to reduce potential impacts to San Joaquin Kit Fox to a less than significant level:

Destruction of Dens

Potential dens shall be monitored before and during project construction to determine if there are kit fox using the den.

- Destruction of a den shall occur slowly and carefully until it is certain that no kit fox are inside;
- After destruction, the den shall be fully excavated, filled with dirt, and compacted to ensure that no kit fox can reenter or use the den during the construction period;
- Upon discovery of a kit fox in any den in the construction area, excavation activity shall cease, and monitoring shall continue as described above. Destruction may resume when a qualified biologist has determined that the kit fox has escaped from the partially destroyed den; and,
- If any den is determined through monitoring or destruction to be currently or previously used by a kit fox (i.e. if kit fox sign is found inside), then destruction shall cease and the U.S. Department of Fish and Wildlife Services shall be notified.

Construction and Operational Requirements

- Project-related vehicular traffic shall be restricted to established roads, construction areas, and other designated areas;
- Project-related vehicular traffic shall observe a 20 mph speed limit in all project areas, excluding county roads and highways;
- Construction activities shall be minimized during nighttime hours;
- Construction pipes, culverts, or similar structures with a diameter greater than four inches that are stored on the construction site overnight shall be thoroughly examined for the presence of kit fox prior to use. If a kit fox is discovered in such a pipe, it shall not be moved prior to consultation with the U.S. Fish and Wildlife Service;
- Food –related trash items shall be disposed of in closed containers and removed once a week from the construction site;
- No firearms shall be allowed on the construction site;
- No pets shall be allowed on the construction site; and,
- The use of roenticides and herbicides shall be restricted in the construction area. If rodent control must be conducted, zinc phosphide shall be used for such control.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?	☐	☒	☐	☐

Response: See response 4a).

c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒
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Response: The Plan Area is currently under intensive agricultural and residential use. There are no wetlands in the Plan Area (Project Description).

d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☒	☐
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Response: The Specific Plan does not include any substantial structures that would impede the migration of a sensitive species, and the area is currently under intensive agricultural and residential use. Trees and habitat for migratory birds in the area have been previously removed, and the impact is less than significant.

e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒
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Response: There are no such policies adopted for the Plan Area.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

Response: There are no such plans adopted in the City of Dinuba.

5. CULTURAL RESOURCES -- Would the project:

a) Cause a substantial adverse change in the significance of a historical resource as defined in 15064.5?	☐	☒	☐	☐
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Response: According to the cultural resources records search prepared for the City of Dinuba General Plan Update EIR, there are no known cultural resources within the City of Dinuba (City of Dinuba. General Plan Update EIR. September 1997. pp 3-39).

However, due to the buried nature of these resources, construction in the Project Area has potential to disturb unknown cultural resources. Upon the uncovering or other discovery of artifacts or cultural resources during the construction activities associated with the project's development, all construction on the site shall be halted, and a qualified archaeologist shall be called to the site to identify the resource and recommend mitigation in the event of the resource's cultural significance.

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to 15064.5?	☐	☒	☐	☐
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Response: See response 5a).

c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☒	☐	☐
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Response: See response 5a).

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
d) Disturb any human remains, including those interred outside of formal cemeteries?	☐	☒	☐	☐

Response: See response 5a).

6. GEOLOGY AND SOILS -- Would the project:

a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☒	☐
ii) Strong seismic ground shaking?	☐	☐	☒	☐
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☐	☒
iv) Landslides?	☐	☐	☐	☒

Response: There have been no faults mapped in the Plan Area, and faulting in eastern portions of the San Joaquin Valley has not shown on the surface. The closest known fault to the Plan Area is the Coalinga Fault, which is located approximately 50 miles northeast of the area. Additionally, the relatively flat topography of the San Joaquin Valley's floor negates the risk of landslide. Therefore, impacts associated with the exposure of people to geological hazards is less than significant (City of Dinuba. General Plan Update. September 1997. 2-2).

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐

Response: According to the U.S. Department of Agriculture's Western Tulare County Soils Survey, soils in the Plan Area are comprised of Exeter loam and San Joaquin loam, with slopes ranging between zero and two percent. These soils are characterized by their stability for building site construction, and their slow rates of water runoff. Thus, impacts associated with soil erosion are less than significant (U.S. Department of Agriculture. Western Tulare County Soils Survey. November 1999).

c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☒	☐
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Response: As indicated in the Western Tulare County Soils Survey, the soils of the project site are characterized by their stability for building site development, and require few management measures. Thus, compliance with the Uniform Building Code will result in less than significant impact (U.S. Department of Agriculture. Western Tulare County Soils Survey. November 1999).

d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	☐	☐	☒	☐
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Response: As the Exeter and San Joaquin loam soils of the Plan Area do not contain substantial clay inclusions, impacts associated with soil expansion are less than significant (U.S. Department of Agriculture. Western Tulare County Soils Survey. November 1999).

e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	☐	☐	☐	☒
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Response: The proposed Specific Plan includes the construction of additional wastewater disposal facilities along Road 72, and the existing system currently has capacity to support the maximum number of dwelling units to be constructed under the Plan. Thus, implementation of the Plan will not require the use of septic systems for wastewater disposal in the Plan Area. There is no impact (Project Description).

7. HAZARDS AND HAZARDOUS MATERIALS -- Would the project:

a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

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Response: The roadways in the Plan Area primarily run through residential areas, and are not designated as truck routes. However, in the event that hazardous materials are transported within the Plan Area, their transport is regulated by various state and federal laws, resulting in a less than significant impact (Project Description).

b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

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Response: Although accident conditions involving hazardous materials may occur in the Plan Area, the use, transport, and storage of such materials is highly regulated to minimize the risk of such accident. The impact is less than significant.

c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

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Response: The proposed Specific Plan does not include the development of land uses where hazardous wastes will be handled. There is no impact (Project Description).

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☒	☐

Response: According to the Environmental Data Resources (EDR) Radius Map Report prepared for the project and included in Appendix D, all of the hazardous materials sites in the Plan Area have been remediated and their cases closed. Those hazardous materials sites listed in the EDR report that have not been remediated and closed, are located outside of the Plan Area and will therefore have a less than significant impact on the proposed development (EDR Radius Map Report, Appendix D).

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	☐	☐	☐	☒
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Response: The Plan Area is not located in the vicinity of an airport (Location Map, Figure 2-3).

f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	☐	☐	☐	☒
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Response: The Plan Area is not in the vicinity of a private use airport (Location Map, Figure 2-3).

g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
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Response: The Specific Plan includes development plans to improve circulation in the area, and will not result in impairment of an emergency response or evacuation plan (Project Description).

h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

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Response: Where residential lands will abut agricultural and undeveloped lands in the Plan Area (on the north, west, and south sides), there is a potential for wildland fires to affect residents. However, fire protection services in the Plan Area, in accordance with the General Plan Update, will be provided by the Dinuba Fire Department, which staffs thirteen full time fire fighters and eighteen reserves, and has three engines and three ambulances. Additionally, the City's fire department and the County Fire Department/Division of Forestry have a mutual aid agreement to protect areas in the City. The impact is less than significant due to the availability and ability of fire protection services in the Plan Area (City of Dinuba General Plan Update. September 1997. pp 2-26).

8. HYDROLOGY AND WATER QUALITY -- Would the project:

a) Violate any water quality standards or waste discharge requirements?

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Response: The primary source of water in the Plan Area is groundwater, and in general, the quality of this water is relatively high. However, one major contaminant, the Fumigant Dibromochloropropane (DBCP), is present in some City wells. New well sites in the City require treatment with carbon filters or air stripping to remove the contaminant, making groundwater suitable for domestic use without treatment (City of Dinuba. General Plan Update. September 1997).

Population growth under the Specific Plan will not surpass that predicted by the General Plan, and the impacts of the population growth of the General Plan in association with the availability of and quality of water were analyzed and found to be less than significant. Thus, the Specific Plan's impacts to the provision and quality of water will be less than significant.

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Additionally, development under the Specific Plan will be served by the additional sewer lines to be installed along Road 72 in accordance with the City's Sewer Master Plan. These trunk lines will have a reserve capacity to accommodate the maximum number of dwelling units under the Specific Plan.

b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?

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Response: Development under the Specific Plan will include the addition of impervious surfaces to the Plan Area, which in turn will result in a decreased rate of groundwater recharge in the area. Development under the Specific Plan will initially result in the use of temporary basins which are allowable under with the City's Storm Drainage Master Plan. Under this plan, storm water flows are detained in parks/ponds and ponding basins. Detention in such areas allows for percolation into the ground, and subsequent recharge of groundwater. After detention, the storm water flows will be sent to the Alta Irrigation District for the irrigation of agricultural land, thus reducing the need for the use of groundwater for irrigation, and further depletion of groundwater resources. Therefore, the Specific Plan's impacts on groundwater recharge will be less than significant (Project Description; Northwest Dinuba Specific Plan).

c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?

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Response: There are no streams or rivers in the Plan Area, thus the Plan's impacts to drainage patterns of these resources will be less than significant (Project Description).

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	☐	☐	☒	☐

Response: See response 8c).

e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	☐	☐	☒	☐
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Response: As some storm water drainage facilities in the Plan Area currently operate at 100 percent of their planned capacity, the Specific Plan includes provisions for the use of temporary detention basins during development in accordance with the City's Storm Drainage Master Plan. Use of such basins will result in less than significant impacts associated with storm water flows (Specific Plan Water, Sewer, and Storm Drain Improvements).

f) Otherwise substantially degrade water quality?	☐	☐	☐	☒
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Response: See response 8a), There are no other aspects of the project that will degrade water quality (Project Description).

g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	☐	☐	☒	☐
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Response: Although, there are portions of the Plan Area that fall in the 100-year flood zone, development under the Plan will be accomplished in accordance with the City's General Plan, which requires development in the flood zone to be protected by flood-control facilities such as

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walls or buffer zones. Thus, the impact is less than significant (City of Dinuba General Plan Update. September 1997. pp. 3-6).

h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?

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Response: Under the Specific Plan, development in the 100-year flood zones in the Plan Area will require the construction of barriers and buffer zones to impede and redirect flood flows. However, these barriers and buffers will be constructed to protect surrounding residences and structures from threats of flooding, and will direct flood flows to acceptable and safe areas. Thus, the impact is less than significant (Project Description).

i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?

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Response: See response 8g).

j) Inundation by seiche, tsunami, or mudflow?

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Response: The Plan Area is not located near an ocean, lake, or other large closed body of water where impacts associated with seiche and tsunami are potential risks. Additionally, the area is relatively flat, and impacts associated with mudflow are not a risk (Location Map, Figure 2-3; U.S. Department of Agriculture. Western Tulare County Soils Survey, November 1997).

9. LAND USE AND PLANNING --

Would the project:

a) Physically divide an established community?

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Response: The Specific Plan includes programs and policies to guide development and growth in the Plan Area in an organized and compatible manner, and will not result in the division of an established community (Project Description).

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☐	☒

Response: The Specific Plan is in compliance with the City of Dinuba General Plan Update, and will not result in conflict with existing plans and policies (Project Description).

c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	☐	☐	☐	☒
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Response: There are no such plans adopted in the Plan Area.

10. MINERAL RESOURCES -- Would the project:

a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
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Response: There are no significant mineral resources in Dinuba (City of Dinuba. General Plan Update. September 1997. pp 2-4).

b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒
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Response: There are no mineral resource recovery sites in the Plan Area (Existing Land Use Map, Figure 3-2).

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11. NOISE -- Would the project result in:

a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

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Response: Significant noise sources identified in the General Plan include railway noise, traffic noise, and commercial/industrial noise. Development of commercial uses under the Specific Plan is directed to the periphery of the Project Area, while noise-sensitive, residential uses are directed to the interior. Additionally, the residential policies of the Specific Plan require that residential uses abutting the railroad, arterial, or collector streets be one-story in height, and surrounded by a noise attenuation wall in accordance with the provisions of the City of Dinuba Noise Element of the General Plan. Therefore, the impact is less than significant (City of Dinuba. General Plan Update. September 1997. pp 8-22).

b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

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Response: There are no uses included in the Specific Plan that will result in the production of groundborne vibrations (Project Description).

c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

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Response: The Specific Plan does not include development plans for substantial noise-producing land uses (Project Description).

d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

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Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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Response: Construction activities pursuant to the Specific Plan may result in increases in ambient noise levels in the Plan Area. In order to reduce impacts associated with these noise levels, construction activities shall be limited to the hours between 7:00 a.m. and 7:00 p.m. on Monday through Friday, and 9:00 a.m. and 6:00 p.m. on Saturday and Sunday.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

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Response: The Plan Area is not in the vicinity of an airport (Location Map, Figure 2-3).

f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

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Response: The Plan Area is not in the vicinity of a private airstrip (Location map, Figure 2-3).

12. POPULATION AND HOUSING -- Would the project:

a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

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Response: Development under the Specific Plan will accommodate the predicted growth under the General Plan, and will not result in additional, unpredicted population growth in the Plan Area (Project Description).

b) Displace substantial numbers of existing housing, necessitating the

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construction of replacement housing elsewhere?

Response: The Specific Plan will provide housing and services for the additional population predicted by the General Plan, and will not result in the displacement of people or housing (Project Description).

c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

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Response: See response 12b).

13. PUBLIC SERVICES --

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

Fire protection?

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Police protection?

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Schools?

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Parks?

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Other public facilities?

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Response: The population growth associated with the development of the Specific Plan will not surpass the growth predicted by the General Plan, and the policies of the General Plan require that developers provide adequate utilities and public facilities associated with development (City of Dinuba General Plan Update. September 1997. pp. 9-1 and 9-2).

14. RECREATION --

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

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Response: Population growth as a result of development under the Specific Plan is included in the population growth predicted by the City's General Plan, and will therefore be accommodated by the planned parks and recreational facilities of the General Plan (Project Description).

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

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Response: The Specific Plan does not include the development of any parkland or recreational facilities that are not included in the environmental analysis of this Mitigated Negative Declaration (Project Description).

15. TRANSPORTATION/TRAFFIC -- Would the project:

a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?

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Response: Although the Specific Plan calls for the closing of Alice Avenue between Saginaw and El Monte, the traffic analysis prepared for the proposed project and included in Appendix E indicates that completion of the Specific Plan will not substantially alter existing traffic conditions (those of the General Plan) in the Plan Area (Traffic Analysis, Appendix E).

b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?

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Response: The City of Dinuba has adopted a level-of-service (LOS) standard of LOS C. Under the existing General Plan, the following roadway segments currently operate at a LOS D:

Alta Avenue - Avenue 416 (Nebraska) to Saginaw Avenue
Avenue 416 - Road 72 to Alice Avenue
Avenue 416 - Alice Avenue to Alta Avenue

As indicated in the traffic analysis prepared for the project and included in Appendix E, the proposed removal of Alice Avenue between Saginaw and El Monte Way will not significantly impact the surrounding areas. The above listed roadway segments will continue to operate at LOS D, and all other segments in the area will operate at or above the City's established standard of LOS C or better. As three roadway segments will operate below the City's adopted LOS standard, the impact is potentially significant (Traffic Analysis, Appendix E).

However, the TCAG methodology and traffic model used to compile the traffic analysis for the 1997 Dinuba General Plan Update indicated that build-out of the City, including the Northwest Specific Plan Area, would result in an LOS C or better for the aforementioned Alta and Nebraska road segments. If the same TCAG methodology used in 1997 were applied to the Northwest Dinuba Specific Plan Area, the traffic impact would be reduced when compared to the 1997 General Plan impact. This reduction in traffic is due to a decrease in residential density within the Plan Area. In comparison to the 1997 General Plan Update, the Northwest Dinuba Specific Plan would provide 597 to 808 less dwelling units, and approximately 3,412 less people than would be accommodated in the 1997 General Plan Update. Through implementation of this Specific Plan, the projected traffic volumes would be less than those adopted in the 1997 General Plan Update, and the overall impact would be less than significant if consistent methodologies were applied.

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Because TCAG has changed their modeling technique since 1997, a new traffic model methodology is applied to this project resulting in a level of service not meeting the adopted City threshold. If build-out consistent with the 1997 General Plan Update were allowed to continue throughout the planning period, the 1997 General Plan Update would have a greater impact than the implementation of the Northwest Specific Plan. Therefore, it is the City's finding that this project will have a less than significant impact and no further mitigation is required.

c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?

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Response: Development proposed by the Specific Plan does not include structures that would be high enough in height to interfere with air traffic (Project Description).

d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

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Response: There are no circulation plans proposed under the Specific Plan that will result in sharp curves or other dangerous design features, as shown in the Proposed Land Use Map, Figure 3-3. Additionally, the majority of uses in the Plan Area will be residential. Potential impacts associated with the mixing of residential and agricultural traffic will be mitigated by the installation of signs warning drivers of the possibility of slow-moving farm equipment using roadways in the Plan Area (Project Description).

e) Result in inadequate emergency access?

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Response: The Specific Plan will aid in the accommodation of additional residences in the Plan Area, and includes plans to increase the accessibility of the area. Thus, there is no impact (Project Description).

f) Result in inadequate parking capacity?

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Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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Response: The Specific Plan will serve to accommodate predicted growth in the Plan Area through residential and commercial development. Adequate parking for development under the Specific Plan will be provided in accordance with the policies of the City of Dinuba General Plan, Section 4.10 (City of Dinuba General Plan. September 1997. pp. 4-14).

g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?	☐	☐	☐	☒
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Response: The Specific Plan is in compliance with the City's General Plan and will not result in conflicts with alternative transportation plans, policies, or programs (Project Description).

16. UTILITIES AND SERVICE SYSTEMS -- Would the project:

a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	☐	☐	☒	☐
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Response: The Wastewater Reclamation Facilities Plan for the City of Dinuba, completed in 1992, found that the City's facilities were in violation of Waste Discharge Order Number 82-113. Since this report, several improvements have been developed in the City's reclamation facility to bring the system into compliance (City of Dinuba General Plan Update. September 1997. pp. 2-37).

Additionally, the policies of the General Plan require new developments to demonstrate adequate sewerage capacity prior to construction in the eastern side of the City where constraints on capacity exist (City of Dinuba. General Plan Update EIR. September 1997. Chapter 9).

These improvements and policies will result in a less than significant impact of the proposed Specific Plan on wastewater treatment in the Plan Area.

b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	☐	☐	☒	☐
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Response: As indicated in the Specific Plan, domestic water supply and fire flows required by the Specific Plan development will be provided by the City of Dinuba and augmented by the City Standard Wells within the City's boundaries. Water supply will be monitored by the City, and developers will be required to provide water system improvements to maintain adequate water pressure and flows (Project Description).

Additionally, as indicated in response 16a), the City's waste water treatment facilities have recently undergone improvements to allow sufficient capacity to accommodate additional wastewater treatment necessitated by the growth under the General Plan. The impact is therefore less than significant.

c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

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Response: Development under the Specific Plan may require the use of temporary detention basins for storm water during the construction of additional drainage facilities. However, such use will accommodate increased flow, and will be temporary; to be replaced by a permanent increase in storm water drainage capacity. Thus, the impact is less than significant.

d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

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Response: As indicated in the Specific Plan and response 16 b), domestic water supply and fire flows required by the Specific Plan development will be provided by the City of Dinuba and augmented by the City Standard Wells within the City's boundaries. Water supply will be monitored by the City, and developers will be required to provide water system improvements to maintain adequate water pressure and flows.

e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's

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projected demand in addition to the provider's existing commitments?

Response: See response 16a).

f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

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Response: Solid waste pick up in the City of Dinuba is contracted to a private carrier, who in turn delivers the waste to the Tulare County Visalia landfill. Additionally, the population growth of the Specific Plan is included under the growth analyzed by the City's General Plan Update and EIR, and the EIR has found impacts associated with solid waste disposal to be less than significant (City of Dinuba. General Plan Update. September 1997. pp. 2-29; City of Dinuba. General Plan Update EIR. September 1997. pp 3-33).

g) Comply with federal, state, and local statutes and regulations related to solid waste?

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Response: Disposal of the solid waste in the Plan Area as described in response 16f) will comply with federal, state, and local standards.

17. MANDATORY FINDINGS OF SIGNIFICANCE --

a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

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Response: As discussed above in responses 4a) through 5d), the project's impacts associated with the disturbance of biological and cultural resources have been mitigated to a less than significant level through the implementation of measures to protect the San Joaquin Kit Fox and buried archaeological resources.

b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

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Response: Population growth resulting from the development of the Specific Plan will not surpass that predicted by the General Plan Update. The General Plan Update EIR has identified the impacts associated with this growth as being less than significant, and this Mitigated Negative Declaration has shown the specific development under the Specific Plan as resulting in less than significant impacts. As there are no other development projects planned for or under construction in the Plan Area, cumulative impacts are found to be less than significant.

c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

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Response: The project's potential environmental effects have been mitigated to a less than significant level by the measures outlined in the above Mitigated Negative Declaration.

CHAPTER FOUR – MITIGATION MONITORING PROGRAM

Introduction

This chapter outlines the potential impacts and mitigation measures of the proposed project and the monitoring program for the project. The project is a proposed development in the area of the project. The project is a proposed development in the area of the project. The project is a proposed development in the area of the project.

CHAPTER FOUR

MITIGATION MONITORING PROGRAM

CHAPTER FOUR – MITIGATION MONITORING PROGRAM

Introduction

Table 4-1 outlines the potential impacts and mitigation measures of the proposed project, and assigns responsibility for the oversight of each mitigation. This table shall be included in all bid documents and included as a part of project development.

**Table 4-1
Mitigation Monitoring Program**

Impact Number	Impact	Responsible Party	Mitigation Measure	Impact After Mitigation	Approval
#3a	Construction Air Quality	City of Dinuba	▪ Compliance with District Rules 4901, 4902 and District Regulation VIII (Fugitive Dust Rules) to reduce the emission of oxides of nitrogen and PM-10 shall be required. ▪ All disturbed areas, including storage piles, which are not being actively utilized for construction purposes, shall be effectively stabilized of dust emissions using water, chemical stabilizer/suppressant, covered with a tarp or other suitable cover or vegetative ground cover. ▪ All on-site unpaved roads and off-site unpaved access roads shall be effectively stabilized of dust emissions using water or chemical stabilizer/suppressant. ▪ All land clearing, grubbing, scraping, excavation, land leveling, grading, cut & fill, and demolition activities shall be effectively controlled of fugitive dust emissions utilizing application of water or by presoaking. ▪ With the demolition of buildings up to six stories in height, all exterior surfaces of the building shall be wetted during demolition. ▪ When materials are transported off-site, all material shall be covered, or effectively wetted to limit visible dust emissions, and at least six inches of freeboard space from the	Less than Significant	City

			top of the container shall be maintained. ▪ All operations shall limit or expeditiously remove the accumulation of mud or dirt from adjacent public streets at the end of each workday. <i>(The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions.) (Use of blower devices is expressly forbidden.)</i> ▪ Following the addition of materials to, or the removal of materials from, the surface of outdoor storage piles, said piles shall be effectively stabilized of fugitive dust emissions utilizing sufficient water or chemical stabilizer/suppressant. ▪ Within urban areas, trackout shall be immediately removed when it extends 50 or more feet from the site and at the end of each workday. ▪ Any site with 150 or more vehicle trips per day shall prevent carryout and trackout. Heavy duty equipment (scrapers, graders, trenches, earth movers, etc.) ▪ Use of alternative fueled or catalyst equipped diesel construction equipment ▪ Minimize idling time (e.g., 10 minute maximum) ▪ Limit the hours of operation of heavy duty equipment and/or the amount of equipment in use ▪ Replace fossil-fueled equipment with		
--	--	--	---	--	--

			electrically driven equivalents (provided they are not run via a portable generator set) ▪ Curtail construction during periods of high ambient pollutant concentrations; this may include ceasing of construction activity during the peak-hour of vehicular traffic on adjacent roadways ▪ Implement activity management (e.g. rescheduling activities to reduce short-term impacts)		
#4a	Biological Resources	City of Dinuba	A biological survey for dens of the San Joaquin kit fox shall be completed for each development site. If dens are identified during this survey, construction activities on the site shall follow the U.S. Fish and Wildlife Service's "Standardized Recommendations for the Protection of the San Joaquin Kit Fox Prior to or During Ground Disturbance," appended hereto as Appendix C, which includes the following recommendations: <u>Destruction of Dens</u> Potential dens shall be monitored before and during project construction to determine if there are kit fox using the den. ▪ Destruction of a den shall occur slowly and carefully until it is certain that no kit fox are inside; ▪ After destruction, the den shall be fully excavated, filled with dirt, and compacted to ensure that no kit fox can reenter or use the	Less than Significant	City

			den during the construction period; ▪ Upon discovery of a kit fox in any den in the construction area; excavation activity shall cease, and monitoring shall continue as described above. Destruction may resume when a qualified biologist has determined that the kit fox has escaped from the partially destroyed den; and, ▪ If any den is determined through monitoring or destruction to be currently or previously used by a kit fox (i.e. if kit fox sign is found inside), then destruction shall cease and the U.S. Department of Fish and Wildlife Services shall be notified. <u>Construction and Operational Requirements</u> ▪ Project-related vehicular traffic shall be restricted to established roads, construction areas, and other designated areas; ▪ Project-related vehicular traffic shall observe a 20 mph speed limit in all project areas, excluding county roads and highways; ▪ Construction activities shall be minimized during nighttime hours; ▪ Construction pipes, culverts, or similar structures with a diameter greater than four inches that are stored on the construction site overnight shall be thoroughly examined for the presence of kit fox prior to use. If a kit fox is discovered in such a pipe, it shall not be moved prior to consultation with the U.S. Fish and Wildlife Service;		
--	--	--	--	--	--

			- Food-related trash items shall be disposed of in closed containers and removed once a week from the construction site; - No firearms shall be allowed on the construction site; - No pets shall be allowed on the construction site; and, - The use of roenticides and herbicides shall be restricted in the construction area. If rodent control must be conducted, zinc phosphide shall be used for such control.		
#5a	Cultural Resources	City of Dinuba	Upon the uncovering or other discovery of artifacts or cultural resources during the project's construction, all construction on the site shall be halted, and a qualified archaeologist shall be called to the site to identify the resource and recommend mitigation measures.	Less than Significant	City
#11d	Construction Noise	City of Dinuba	Construction activities associated with development under the proposed project shall be limited to the hours between 7:00 A.M. and 7:00 P.M. on Monday through Friday and 9:00 A.M. and 6:00 P.M. on Saturday and Sunday.	Less than Significant	City

CHAPTER 5 – PUBLIC REVIEW

The City of Dinuba Community Development Department is the lead agency for the Initial Study and Mitigated Negative Declaration for the Northwest Dinuba Specific Plan. The review period for the Mitigated Negative Declaration was between February 19, 2003 and March 20, 2003. The following letters of comment were received during the review period:

5-1. Comments

1. California Regional Water Quality Control Board,
2. San Joaquin Valley Air Pollution Control District,
3. Caltrans (comments noted), and
4. California Governors Office of Planning and Research State Clearinghouse (comments noted).

Responses to letters of comment are as follows:

California Regional Water Quality Control Board Comments:



Winston H. Hickins
Secretary for
Environmental
Protection

California Regional Water Quality Control Board Central Valley Region

Robert Schneider, Chair



Gray Davis
Governor

Fresno Branch Office

Internet Address: <http://www.swrcb.ca.gov/fresno>
1685 G Street, Fresno, California 93706-2020
Phone (559) 443-3116 • FAX (559) 443-5910

12 March 2003

Mr. Darrin Jenkins, Public Works Director
City of Dinuba
405 East El Monte Way
Dinuba, California 93618

DRAFT INITIAL STUDY AND MITIGATED NEGATIVE DECLARATION, SCH# 2003021091, NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION FOR NORTHWEST DINUBA SPECIFIC PLAN, CITY OF DINUBA, TULARE COUNTY

We reviewed the Draft Initial Study and Mitigated Negative Declaration dated January 2003 (received 20 February 2003) in support of the Northwest Specific Plan Area (Project), consisting of approximately one square mile recently annexed by the City of Dinuba. The EIS for the Project is intended to implement the zoning regulations and special development regulations of the General Plan for the City of Dinuba.

1 - 1

The Fresno Regional Water Quality Control Board (Board) adopted Waste Discharge Requirements (WDRs) Order No. 95-200 for the City of Dinuba wastewater treatment facility (WWTF) 17 August 1995. The WWTF is permitted for a monthly average dry weather flow of 3.0 million gallons per day (mgd). In 1997, the City of Dinuba initiated improvements at the WWTF, expanding to 3.14 mgd with activated sludge process, and adding 37 acres of disposal ponds.

1 - 2

Monthly average flows for the year 2002 varied between 2.5 and 2.7 mgd, with the higher values in late summer and in the winter. Suspended solids exceeded permits limits for one sample in January 2002, reportedly because zoogeal mass from the high rate trickling filter sloughed off, and two of four aerators were inoperable in January. Because of the inoperable aerators the monthly average BOD₅ of 40 mg/L was exceeded in February 2002 with a value of 45 mg/L. Monthly electrical conductivity limits for 2002 were met. Kjeldahl nitrogen averaged 11.2 mg/L as N for the first six months and for the last six months of 2002 averaged 1.7 mg/L as N. Nitrate as N averaged 0.7 mg/L for the first six months and 2.3 mg/L for the last six months of 2002.

1 - 3

Based on review of the 2002 monitoring reports, and WDRs for the WWTF, it appears the WWTF can meet the discharge requirements of WDRs No. 95-200 with present flows. However, the WWTF is within 90 percent of the maximum monthly flows allowed by the WDRs and 86 percent of design flow. There are no data on the WWTF's ability to treat flows beyond design limits. The Draft Initial Study and Mitigated Negative Declaration do not provide information on the increase in WWTF flows that will result from the Project.

1 - 4

California Environmental Protection Agency



Recycled Paper

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web site at <http://www.swrcb.ca.gov/wq65>

If the capacity of the WWTF is exceeded, the Project would cause a Potentially Significant Impact. As such, the CEQA document should evaluate the amount of additional wastewater flows generated by the City's annexations and population growth, and develop planning for the necessary WWTF expansion. In addition to citing the City's requirement for "new developments to demonstrate adequate sewerage capacity prior to construction in the eastern side of the City where constraints on capacity exist," the Mitigated Negative Declaration should discuss and quantify the estimated additional load on the WWTF and discuss how that potential impact will be mitigated.

1 - 5

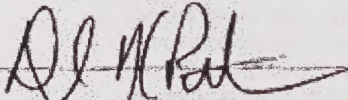
Regulations published in the Federal Register on 8 December 1999 extended the storm water program to include small municipal separate storm sewer systems (MS4) (serving a population of less than 100,000 and located in an urbanized area). Such small MS4s must obtain an NPDES Phase II municipal permit by March 2003 and comply with its terms for storm water management and control. The Phase II storm water minimum requirements include public education and outreach, public involvement and participation, illicit discharge detection and elimination, pollution prevention and good housekeeping in municipal operations, construction Project urban runoff control, and post-construction management in new development and redevelopment. Although the City is not currently designated as a small MS4 requiring coverage under a Phase II municipal permit, it could be in the future. Therefore, the Specific Plan should include elements of the Phase II storm water program that can be practicably implemented, particularly post-construction management.

1 - 6

If construction associated with the Project will disturb more than five acres, compliance with the National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000002 for discharges of Storm Water Associated with Construction Activity will be required. Before construction begins, the proponent must submit a Notice of Intent to comply with the permit, a Project map, and appropriate fee to the State Water Resources Control Board and a Storm Water Pollution Prevention Plan must be prepared.

1 - 7

Should you have any questions concerning this matter, please contact Edward Balch at (559) 445-5548.



DOUGLAS K. PATTESON
Senior Water Resources Control Engineer
RCE No. 55985

cc: State Clearinghouse, Sacramento

San Joaquin Valley Air Pollution Control District Comments:

MAR-17-03 MON 09 58 AM

SJVAPCD-00 REGION

FAX 661 326 6983

PAGE 2



San Joaquin Valley Air Pollution Control District

S20030043

March 14, 2003

Attn: Mr. Darrin Jenkins
City of Dinuba
405 East El Monte Way
Dinuba, California 93618

RE: Northwest Dinuba Specific Plan

Dear Mr. Jenkins:

The San Joaquin Valley Unified Air Pollution Control District (District) has reviewed the Documentation provided and has the following comments:

The entire San Joaquin Valley is non-attainment for ozone and fine particulate matter (PM-10). The Federal Clean Air Act (CAA) and the California Clean Air Act require areas that are designated non-attainment to reduce emissions until standards are met. A concerted effort should be made to improve air quality. The District recommends referring to the Air Quality Guidelines for General Plans for land use issues. It does appear that some of the suggestions in the guidelines have been incorporated into your document.

The following items are rules that have been adopted by the District to reduce emissions throughout the San Joaquin Valley, and are required:

1. District Rules 4901 and 4902 regulate the sale, installation and transfer of both wood-burning devices and natural gas-fired water heaters to limit the emissions of PM-10 and oxides of nitrogen. A synopsis highlighting many of the requirements of these regulations has been enclosed.
2. District Regulation VIII - Fugitive Dust Rules is a series of rules designed to reduce PM-10 emissions generated by human activity, including construction, road building, bulk materials storage, landfill operations, etc. A synopsis highlighting many of the requirements of this regulation has been enclosed.

There are a number of measures that can be incorporated into your Specific Plan Update to reduce the overall level of emissions from future projects. (Note:

2 - 1

David L. Crow
Executive Director/Air Pollution Control Officer

Northern Region Office
4230 Mieman Avenue, Suite 136
Mendota, CA 95356-4322
(209) 557-6400 • FAX (209) 557-6473

Central Region Office
1950 East Gettysburg Avenue
Fresno, CA 93726-0234
(559) 230-6100 • FAX (559) 230-6881
www.valleyair.org

Southern Region Office
2700 M Street, Suite 275
Bakersfield, CA 93301-2777
(805) 836-6910 • FAX (805) 326-6983

Darrin Jenkins
NW Dinuba Specific Plan

March 14, 2003
2

Some of these measures may already exist as City development standards. All other measures should be implemented to the fullest extent possible.) This list should not be considered all-inclusive. The District encourages innovation in measures to reduce air quality impacts.

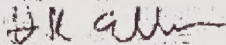
- Energy efficient design including but not limited to; automated control system for heating/air conditioning and energy efficiency beyond Title 24 requirements, lighting controls and energy-efficient lighting in buildings, increased insulation beyond Title 24 requirements, and light colored roof materials to reflect heat;
- Allow only low-emitting EPA-certified fireplace inserts and/or wood stoves or natural gas to be built into new construction;
- Deciduous trees may be placed on the southern and western exposures of any structures to provide shade in the summer and allow the sun to reach the structures during the winter;
- Warehouse facilities should utilize material moving equipment that is electric or propane driven;
- Housing units should be oriented to maximize passive solar cooling and heating when practicable;
- Electric, solar or low nitrogen oxide (NO_x) emitting gas-fired water heaters should be installed;
- Any gas-fired appliances should be low nitrogen oxide (NO_x) emitting gas-fired appliances complying with California NO_x Emission Rule #1121;
- Natural gas lines and electrical outlets should be installed in backyard or patio areas to encourage the use of gas or electric barbecues and electric landscape maintenance equipment;
- Sidewalks and bikeways should be installed throughout as much of a project as possible and should be connected to any nearby open space areas, parks, schools, commercial areas, etc. to encourage walking and bicycling;
- Low or non-polluting incentives items should be provided with the purchase of each residential unit. Such items could include electric lawn mowers or gas or electric barbecues.

Darrin Jenkins
NW Dinuba Specific Plan

March 14, 2003
3

Thank you for the opportunity to comment. If you have any further questions or concerns, please feel free to contact me at (661) 326-6980.

Sincerely,



Heather Ellison
Air Quality Planner

Enclosures

Caltrans Comments:

STATE OF CALIFORNIA — BUSINESS, TRANSPORTATION AND HOUSING AGENCY

ORAY DAVIS, Governor

DEPARTMENT OF TRANSPORTATION

1352 WEST OLIVE AVENUE
P. O. BOX 12616
FRESNO, CA 93778-2616
PHONE (559) 488-7306
FAX (559) 488-4088
TTY (559) 488-4066

Buel



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Be energy efficient!*

February 6, 2003



2135-IGR/CEQA
6-TUL-201-7.95 +/-
N/W DINUBA SPECIFIC
PLAN
SCH# 2003021091

Mr. Darrin Jenkins
City of Dinuba
405 E. El Monte Way
Dinuba, CA 93618

Dear Mr. Jenkins:

Thank you for the opportunity to review the Northwest Dinuba Specific Plan. The planning area is approximately 0.75 miles north of State Route (SR) 201 in the City of Dinuba. Caltrans has the following comments:

Caltrans has no objection to the Specific Plan. When the plan has been adopted Caltrans requests a copy. Also, please forward a copy of the current General Plan for our library.

Please be advised that any future development adjacent to a State Route, whether the entitlement is deemed by the lead agency to be discretionary or ministerial should be sent to Caltrans for review. Please send a response to our comments and a copy of the Council resolution related to the proposed project. If you have any questions, please call me at (559) 488-7306.

Sincerely,

Al Dias
Office of Transportation Planning
District 6

C: Eloise Emery, Principle Environmental Planner,
Quad Knopf

"Caltrans improves mobility across California"

State Clearinghouse Comments:



Gray Davis
Governor

STATE OF CALIFORNIA
Governor's Office of Planning and Research
State Clearinghouse



Tal Finney
Interim Director

ACKNOWLEDGEMENT OF RECEIPT

DATE: February 25, 2003
TO: Darrin Jenkins
City of Dinuba
405 E El Monte Way
Dinuba, CA 93618
RE: City of Dinuba Northwest Dinuba Specific Plan Negative Declaration
SCH#: 2003021091

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FEB 26 2003

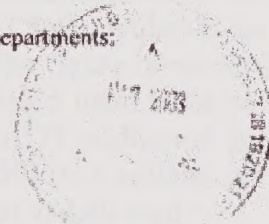
PUBLIC WORKS

This is to acknowledge that the State Clearinghouse has received your environmental document for state review. The review period assigned by the State Clearinghouse is:

Review Start Date: February 19, 2003
Review End Date: March 20, 2003

We have distributed your document to the following agencies and departments:

Air Resources Board, Transportation Projects
California Highway Patrol
Caltrans, District 6
Caltrans, Division of Transportation Planning
Department of Conservation
Department of Fish and Game, Region 4
Department of Parks and Recreation
Department of Water Resources
Native American Heritage Commission
Office of Historic Preservation
Public Utilities Commission
Regional Water Quality Control Bd., Region 5 (Fresno)
Resources Agency
State Lands Commission



The State Clearinghouse will provide a closing letter with any state agency comments to your attention on the date following the close of the review period.

Thank you for your participation in the State Clearinghouse review process.

1400 TENTH STREET, P.O. BOX 3044, SACRAMENTO, CALIFORNIA 95812-3044
(916)445-0613 FAX(916)323-3018 www.oppr.ca.gov

600000000000

**5-2. Response to
Comments:**

**CALIFORNIA REGIONAL WATER
QUALITY CONTROL BOARD**

Response to Comment 1-1: Comment noted.

Response to Comment 1-2: Comment noted.

Response to Comment 1-3: According to the City's WRF manager, the stated "Monthly average flows for the year 2002 varied between 2.5 and 2.7 mgd" is incorrect. Actual flows were from 1.8 to 2.0 mgd; the CRWQCB is apparently going to issue a letter to correct this error.

No comments regarding the discharge issues.

Response to Comment 1-4: Based upon correspondence with the WRF's manager, current flows are at 63 percent of permitted capacity. Accepting this figure, current average daily flows are 1.9 mgd, and discounting a total average daily flow of 0.4 mgd from Ruiz Foods and Odwalla combined (per Darrin Jenkins, City of Dinuba P.E.), the projected flows from the Northwest area would be 1.9 mgd, less 0.4 mgd, divided by 17,500 population for a per capita contribution of 86 gpcd. The figure is rounded to 90 gpcd for estimating purposes. Based upon build out of the Plan Area with an estimated 6,577 additional persons would result in an increase of 591,930 gallons per day on an average daily basis, rounded to 0.60 mgd.

Response to Comment 1-5: No comment other than the City has selected a consultant to prepare a WRF Master Plan to address future expansion needs.

Response to Comment 1-6: The City has not been designated to be part of the Phase II program at this time. The City of Dinuba is not listed on Attachments 1, 2, or 3 of the draft General Permit. The City will actively require the submittal of SWPPP's for all construction projects disturbing one acre or more and monitor the maintenance of BMP's. The post-construction management "elements" will be incorporated in the Specific Plan as practicable.

Response to Comment 1-7: This project does not include any construction.

**SAN JOAQUIN VALLEY AIR
POLLUTION CONTROL
DISTRICT**

Response to Comment 2-1: The following will be added as mitigation measures for clarification:

“Compliance with District Rules 4901, 4902 and District Regulation VIII (Fugitive Dust Rules) to reduce the emission of oxides of nitrogen and PM-10 shall be required.”

APPENDICES

Revisions to the General Plan

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES

DEPARTMENT OF CHEMISTRY
5301 SOUTH CAMPUS DRIVE, CHICAGO, ILL. 60637

PROFESSOR ROBERT M. WAYmouth
FACULTY OF CHEMISTRY
5301 SOUTH CAMPUS DRIVE, CHICAGO, ILL. 60637

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U.S. DEPARTMENT OF AGRICULTURE

Appendix A

Revisions to the General Plan
Excerpts from
Services Natural Diversity Database and
California Native Plant Society's Inventory

Appendix A

How to use the General Plan

APPENDIX B - EXCERPTS FROM THE CALIFORNIA FISH AND WILDLIFE SERVICES NATURAL DIVERSITY DATABASE AND CALIFORNIA NATIVE PLANT SOCIETY'S INVENTORY

The following maps include ranges of the California Round Goby, *Aplocheilichthys rupestris*, and the California Killifish, *Lucania parva*, in the Central Valley. These maps were prepared by the California Department of Fish and Wildlife, based on data from the California Fish and Wildlife Services Natural Diversity Database and the California Native Plant Society's Inventory. The maps show the distribution of these species in the Central Valley, and are intended to provide information for the California Department of Fish and Wildlife, and the California Native Plant Society. The maps were prepared by the California Department of Fish and Wildlife, and the California Native Plant Society, and are intended to provide information for the California Department of Fish and Wildlife, and the California Native Plant Society.

Appendix B

Excerpts from the California Fish and Wildlife Services Natural Diversity Database and California Native Plant Society's Inventory

Appendix B

Excerpts from the California Fish and Wildlife
Service Natural Diversity Database and
California Native Plant Society's Inventory

APPENDIX B - EXCERPTS FROM THE CALIFORNIA FISH AND WILDLIFE SERVICES NATURAL DIVERSITY DATABASE AND CALIFORNIA NATIVE PLANT SOCIETY'S INVENTORY

The following pages include excerpts of the California Natural Diversity Database and Plant Society Inventory search on which sensitive species occurring in the Reedley and eight surrounding Quadrangles. These pages were excerpted from the expanded report to obtain a higher level of detail than the single quadrangle summary report while limiting the results to the vicinity of the project. The habitats and environment of sensitive species in those quadrangles surrounding the Reedley Quadrangle will not be affected by development in a one-square-mile area in the Reedley Quadrangle. The complete expanded report for the Reedley and eight surrounding quadrangles database searches can be viewed at the City of Dinuba at 405 East El Monte Way.

California Department of Fish and Game
Natural Diversity Data Base

Full Expanded Report - One Record Per Page
Reedley and 8 surrounding quadrangles

VULPES MACROTIS MUTICA (cont.)

SAN JOAQUIN KIT FOX

Element Code: AMAJA03041

_____Status_____	_____NDDB Element Ranks_____	_____Other Lists_____
Federal: Endangered	Global: G4T2T3	CDFG Status:
State: Threatened	State: S2S3	

_____Habitat Associations_____

General: ANNUAL GRASSLANDS OR GRASSY OPEN STAGES WITH SCATTERED SHRUBBY VEGETATION.

Micro: NEED LOOSE-TEXTURED SANDY SOILS FOR BURROWING, AND SUITABLE PREY BASE.

Lat/Long: 35°40'58" / 119°19'50"	Township: 29S
UTM: Zone-11 N3951055 E289081	Range: 24E
Mapping Precision: NON-SPECIFIC	Section: XX Qtr XX
Symbol Type: POLYGON	Meridian: S
Area: 562,926.2 ac	Elevation: 285 ft

_____Comments_____

Distribution: NUMEROUS SITINGS THROUGHOUT THIS AREA BETWEEN 1973 AND 1998.

Ecological: ANNUAL GRASSLAND, VALLEY SALTBUSH SCRUB, VALLEY SINK SCRUB, AGRICULTURE, AND DEVELOPED AREAS.

Threat: AGRICULTURE, GRAZING, DEVELOPMENT, COMPETITION FROM COYOTES AND RED FOX AND ROAD KILLINGS.

General: A LARGE AMOUNT OF INFORMATION ON THIS AREA IS IN THE VULPES MACROTIS MUTICA ELEMENT FILE.

Owner/Manager: UNKNOWN

_____Source Codes_____

CYP91F02, CYP91F03, MOR75M01, SIM85U01, DFG87U18, CEC8XM01, RAD87U01, BIT85R01, DFGNDU04, HAL90F10, PRE92F05, SWI73R01, KNA78R01, PRU92F01, MAR86F08, LAW89F01, SMI87F01, REI87F02, DFG86U10, ZOE89F01, FRE88F05, KEL90F12, RIE90F01, RIE90F02, RAD91F01, CON87F02, LAW89F02, TNC87R02, GRA98F01, LAC92F02, JON81R01, BIT85F32, PRE8XF01, LEO87F01, CEC86R01, VAN87F01, DFG86U09, PLA91F01

California Department of Fish and Game
Natural Diversity Data Base

Full Expanded Report - One Record Per Page
Reedley and 8 surrounding quadrangles

VULPES MACROTIS MUTICA (cont.)
SAN JOAQUIN KIT FOX

Element Code: AMAJA03041

-----Status-----	NDDB Element Ranks-----	Other Lists-----
Federal: Endangered	Global: G4T2T3	CDFG Status:
State: Threatened	State: S2S3	

-----Habitat Associations-----
General: ANNUAL GRASSLANDS OR GRASSY OPEN STAGES WITH SCATTERED SHRUBBY
VEGETATION.
Micro: NEED LOOSE-TEXTURED SANDY SOILS FOR BURROWING, AND SUITABLE PREY
BASE.

Occurrence No. 4	Map Index: 23590	-----Dates Last Seen-----
Occ Rank: Unknown		Element: 1992-05-11
Origin: Natural/Native occurrence		Site: 1992-05-11
Presence: Presumed Extant		
Trend: Unknown		
Main Source: PRUETT, PAUL E. (OBS)		

Quad Summary: DUCOR (3511981/287A)*, BENA (3511836/238C), EDISON
(3511837/239D), LAMONT (3511838/239C), RIO BRAVO RANCH
(3511847/239A), OIL CENTER (3511848/239B), PINE MOUNTAIN
(3511857/262D), KNOB HILL (3511858/262C), WOODY (3511867/262A),
SAND CANYON (3511868/262B), QUINCY SCHOOL (3511878/286C),
FOUNTAIN SPRINGS (3511888/286B), OILDALE (3511941/240A), ROSEDALE
(3511942/240B), NORTH OF OILDALE (3511951/263D), FAMOSO
(3511952/263C), DEEPWELL RANCH (3511961/263A), MCFARLAND
(3511962/263B), RICHGROVE (3511971/287D), DELANO EAST
(3511972/287C), DELANO WEST (3511973/288D), SAUSALITO SCHOOL
(3511982/287B), PIXLEY (3511983/288A), SUCCESS DAM
(3611818/309C), PORTERVILLE (3611911/310D), WOODVILLE
(3611912/310C), TIPTON (3611913/311D), LINDSAY (3611921/310A),
CAIRNS CORNER (3611922/310B), TULARE (3611923/311A), ROCKY HILL
(3611931/333D), EXETER (3611932/333C), VISALIA (3611933/334D),
GOSHEN (3611934/334C), WOODLAKE (3611941/333A), IVANHOE
(3611942/333B), MONSON (3611943/334A), TRAVER (3611944/334B),
STOKES MTN. (3611952/355C), ORANGE COVE SOUTH (3611953/356D),
REEDLEY (3611954/356C)

County Summary: KERN, TULARE
SNA Summary:

Location: AREA EAST OF HWY 99 AND NORTH NORTHEAST OF BAKERSFIELD.

Lat/Long: 35°55'20" / 119°06'08"	Township: 28S
UTM: Zone-11 N3977154 E310335	Range: 28E
Mapping Precision: NON-SPECIFIC	Section: XX Qtr XX
Symbol Type: POLYGON	Meridian: M
Area: 799,975.0 ac	Elevation: 490 ft

-----Comments-----

Distribution:

Ecological: NON-NATIVE GRASSLAND, AGRICULTURE, GREAT VALLEY MIXED RIPARIAN
FOREST.

Threat: AGRICULTURE, DEVELOPMENT, AND PREDATION FROM COYOTES.

General: A LARGE PORTION OF THIS OCCURRENCE RELIES ON DATA FROM 1975. MORE
INFORMATION CAN BE FOUND IN THE VULPES MACROTIS MUTICA ELEMENT

California Department of Fish and Game
Natural Diversity Data Base

Full Expanded Report - One Record Per Page
Reedley and 8 surrounding quadrangles

VULPES MACROTIS MUTICA (cont.)
SAN JOAQUIN KIT FOX

Element Code: AMAJA03041

Status	NDDB Element Ranks	Other Lists
Federal: Endangered	Global: G4T2T3	CDFG Status:
State: Threatened	State: S2S3	

Habitat Associations

General: ANNUAL GRASSLANDS OR GRASSY OPEN STAGES WITH SCATTERED SHRUBBY
VEGETATION.

Micro: NEED LOOSE-TEXTURED SANDY SOILS FOR BURROWING, AND SUITABLE PREY
BASE.

FILE.

Owner/Manager: UNKNOWN

Source Codes

ASS80U01, DFG92U02, MOR75M01, SWI73R01, TAT89F01, PRE88F04, JOH87F04, MCC88F02,
PRU92F02, DFG87U18, PLA92F01, DFGNDU04, HOL77F01, HOL78F01, HOL81F16, CLA82F01,
MCC88F03

Occurrence No. 24

Map Index: 32783

Dates Last Seen

Occ Rank: Unknown

Element: XXXX-XX-XX

Origin: Natural/Native occurrence

Site: XXXX-XX-XX

Presence: Presumed Extant

Trend: Unknown

Main Source: HOLLAND, D. 1988 (PERS)

Quad Summary: ORANGE COVE NORTH (3611963/356A)*, WAHTOKE (3611964/356B), PINE
FLAT DAM (3611973/377D)

County Summary: FRESNO

SNA Summary:

Location: WAHTOKE CREEK, CLARKS VALLEY, NORTH OF HIGHWAY 180; NORTHWEST OF
KAKTUS KORNER.

Lat/Long: 36°44'06" / 119°22'22"

Township: 14S

UTM: Zone-11 N4067912 E288120

Range: 24E

Mapping Precision: SPECIFIC

Section: 04 Qtr XX

Symbol Type: POLYGON

Meridian: M

Area: 172.5 ac

Elevation: 500 ft

Comments

Distribution:

Ecological:

Threat:

General: COLLECTION MADE BY R.W. HANSEN. DATE AND NUMBER OF SPECIMENS
OBSERVED UNKNOWN.

Owner/Manager: UNKNOWN

Source Codes

HOL88U02, BRA88R01

California Department of Fish and Game
Natural Diversity Data Base

Full Expanded Report - One Record Per Page
Reedley and 8 surrounding quadrangles

DESMOCERUS CALIFORNICUS DIMORPHUS
VALLEY ELDERBERRY LONGHORN BEETLE

Element Code: IICOL48011

_____Status_____	_____NDDDB Element Ranks_____	_____Other Lists_____
Federal: Threatened	Global: G3T2	CDFG Status:
State: None	State: S2	

_____Habitat Associations_____

General: OCCURS ONLY IN THE CENTRAL VALLEY OF CALIFORNIA, IN ASSOCIATION WITH BLUE ELDERBERRY (SAMBUCUS MEXICANA).

Micro: PREFERS TO LAY EGGS IN ELDERBERRIES 2-8 INCHES IN DIAMETER; SOME PREFERENCE SHOWN FOR "STRESSED" ELDERBERRIES.

Occurrence No. 68	Map Index: 33009	_____Dates Last Seen_____
Occ Rank: Good		Element: 1991-05-01
Origin: Natural/Native occurrence		Site: 1991-05-01
Presence: Presumed Extant		
Trend: Unknown		
Main Source: BARR, C. 1991 (OBS)		

Quad Summary: REEDLEY (3611954/356C)
County Summary: FRESNO
SNA Summary:

Location: KINGS RIVER (WEST BANK), ALONG KINGS RIVER ROAD, JUST NORTH OF DINUBA AVENUE, ~1 MILE WEST OF REEDLEY.

Lat/Long: 36°35'29" / 119°28'07"	Township: 15S
UTM: Zone-11 N4052177 E279165	Range: 23E
Mapping Precision: SPECIFIC	Section: 28 Qtr SE
Symbol Type: POINT	Meridian: M
Radius: 80 meters	Elevation: 340 ft

_____Comments_____

Distribution: REPORT ON: TAXONOMY; DISTRIBUTION; LIFE HISTORY; HABITAT; FIELD TECHNIQUES & OBSERVATIONS; BEETLE RECOVERY.

Ecological: HABITAT CONSISTS OF OPEN RIPARIAN WOODLAND, WITH ELDERBERRIES SCATTERED BETWEEN ROAD AND RIVER (ROAD IS LOCATED ON THE BLUFF ABOVE THE RIVER).

Threat:

General: ONLY ONE CLUMP (TREE) WITH EXIT HOLES, AND THESE HAD BEEN ENLARGED, PROBABLY BY BIRDS. MANY OTHER CLUMPS WITHOUT HOLES.

Owner/Manager: PVT

_____Source Codes_____

BAR91F17, BAR91R01

California Department of Fish and Game
Natural Diversity Data Base

Full Expanded Report - One Record Per Page
Reedley and 8 surrounding quadrangles

PSEUDOBALIA PEIRSONII

SAN JOAQUIN ADOBE SUNBURST

Element Code: PDAST7P030

-----Status-----	-----NDDB Element Ranks-----	-----Other Lists-----
Federal: Threatened	Global: G2	CNPS List: 1B
State: Endangered	State: S2.1	R-E-D Code: 2-3-3

-----Habitat Associations-----
General: VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.
Micro: GRASSY VALLEY FLOORS AND ROLLING FOOTHILLS IN HEAVY CLAY SOIL.
85-800M.

Occurrence No. 13	Map Index: 22865	-----Dates Last Seen-----
Occ Rank: None		Element: 1927-04-11
Origin: Natural/Native occurrence		Site: 1990-04-08
Presence: Extirpated		
Trend: Unknown		
Main Source: STEBBINS, J. 1991 (LIT)		

Quad Summary: REEDLEY (3611954/356C)
County Summary: TULARE
SNA Summary:

Location: DINUBA.

Lat/Long: 36°31'57" / 119°23'34"	Township: 16S
UTM: Zone-11 N4045463 E285768	Range: 24E
Mapping Precision: NON-SPECIFIC	Section: 17 Qtr XX
Symbol Type: POINT	Meridian: M
Radius: 1 mile	Elevation: 330 ft

-----Comments-----
Distribution:
Ecological:
Threat: IRRIGATED AGRICULTURAL LANDS COMPLETELY DOMINATE THE REGION.
General: ONLY SOURCE OF LOCATION INFORMATION IS COLLECTION ON 11 APRIL, 1927 (BEVANS SN [CAS]). 1990 RECONNAISSANCE LEVEL SURVEYS BY STEBBINS INDICATE THAT POPULATION IS LIKELY EXTIRPATED DUE TO CONVERSION OF LAND TO AGRICULTURE.

Owner/Manager: PVT

-----Source Codes-----
MUN49A02, STE89U01, STE91U01

Full Data Report for the Selected Plants
Reedley and 8 surrounding quadrangles

Habitat: Vernal pools

Elevation: 30-755 m.

Notes: Seriously threatened by agriculture, development, overgrazing, channelization, and non-native plants. See Madrono 3(6):229 (1936) for original description, and American Journal of Botany 69:1082-1095 (1982) for taxonomic treatment.

Habitat: Cismontane woodland, Valley and foothill grassland / adobe clay

Elevation: 90-800 m.

Notes: More than half of known occurrences are very small. Seriously threatened by agriculture, grazing, development, road construction and maintenance, and flood control activities. See Aliso 2:84 (1949) for original description.

THE NATIONAL WILDLIFE SERVICE
BUREAU OF LAND MANAGEMENT
FOR PROTECTION OF THE SAN JOAQUIN KIT FOX
FROM THE CHALLENGE OF DEVELOPMENT

Prepared by the National Wildlife Service
Bureau of Land Management

INTRODUCTION

The National Wildlife Service (NWS) is pleased to have been selected by the Bureau of Land Management (BLM) to prepare a recommendation for the protection of the San Joaquin Kit Fox (SJKF) from the challenge of development. The SJKF is a rare and endangered species, and its protection is a high priority for the NWS. The BLM has requested that the NWS prepare a recommendation for the protection of the SJKF from the challenge of development, and the NWS is pleased to have been selected to do so. This recommendation is based on the best available information, and it is intended to provide a basis for the BLM's decision on whether to protect the SJKF from the challenge of development. The NWS is committed to the protection of the SJKF, and it is pleased to have been selected to prepare this recommendation.

The purpose of this recommendation is to provide a basis for the BLM's decision on whether to protect the SJKF from the challenge of development. This recommendation is based on the best available information, and it is intended to provide a basis for the BLM's decision on whether to protect the SJKF from the challenge of development. The NWS is committed to the protection of the SJKF, and it is pleased to have been selected to prepare this recommendation.

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Appendix C

Recommendation for the Protection of the San Joaquin Kit Fox

RECOMMENDATION

The NWS is committed to the protection of the SJKF, and it is pleased to have been selected to prepare this recommendation. This recommendation is based on the best available information, and it is intended to provide a basis for the BLM's decision on whether to protect the SJKF from the challenge of development. The NWS is committed to the protection of the SJKF, and it is pleased to have been selected to prepare this recommendation.

**U.S. FISH AND WILDLIFE SERVICE
STANDARDIZED RECOMMENDATIONS
FOR PROTECTION OF THE SAN JOAQUIN KIT FOX
PRIOR TO OR DURING GROUND DISTURBANCE**

Prepared by the Sacramento Fish and Wildlife Office
June 1999

INTRODUCTION

The following document includes many of the San Joaquin kit fox (*Vulpes macrotis mutica*) protection measures typically recommended by the U. S. Fish and Wildlife Service (Service), prior to and during ground disturbance activities. However, incorporating relevant sections of these guidelines into the proposed project is not the only action required under the Endangered Species Act of 1973, as amended (Act). Project applicants should contact the Service in Sacramento to determine the full range of requirements that apply to your project; the address and telephone number are given at the end of this document. Formal authorization for the project may be required under either section 7 or section 10 of the Act. Implementation of the measures presented in this document may be necessary to avoid violating the provisions of the Act, including the prohibition against "take" (defined as killing, harming, or harassing a listed species, including actions that damage or destroy its habitat). Such protection measures may also be required under the terms of a biological opinion pursuant to section 7 of the Act resulting in incidental take authorization (authorization), or an incidental take permit (permit) pursuant to section 10 of the Act. The specific measures implemented to protect kit fox for any given project shall be determined by the Service based upon the applicant's consultation with the Service.

The purpose of this document is to make information on kit fox protection strategies readily available and to help standardize the methods and definitions currently employed to achieve kit fox protection. The measures outlined in this document are subject to modification or revision at the discretion of the Service.

All surveys, den destructions, and monitoring described in this document must be conducted by a qualified biologist. A qualified biologist (biologist) means any person who has completed at least four years of university training in wildlife biology or a related science and/or has demonstrated field experience in the identification and life history of the San Joaquin kit fox. In addition, biologist(s) must be able to identify coyote, red fox, gray fox, and kit fox tracks, and to have seen a kit fox in the wild, at a zoo, or as a museum mount.

SMALL PROJECTS

Small projects are considered to be those projects with small foot prints such as an individual in-fill oil well, communication tower, or bridge repair. These projects must stand alone and not be part of, or in any way connected to larger projects (i.e., bridge repair or improvement to serve a

future urban development). The Service recommends that on these small projects, the biologist survey the proposed project boundary and a 200-foot area outside of the project footprint to identify habitat features, and make recommendations on situating the project to minimize or avoid impacts. If habitat features cannot be completely avoided, then preconstruction surveys should be conducted.

Preconstruction/preactivity surveys shall be conducted no less than 14 days and no more than 30 days prior to the beginning of ground disturbance and/or construction activities or any project activity likely to impact the San Joaquin kit fox. Surveys should identify kit fox habitat features on the project site and evaluate use by kit fox and, if possible, and assess the potential impacts to the kit fox by the proposed activity. The status of all dens should be determined and mapped (see Survey Protocol).

Written results of preconstruction/preactivity surveys must be received by the Service within five days after survey completion and prior to the start of ground disturbance and/or construction activities. If a natal/pupping den is discovered within the project area or within 200-feet of the project boundary, the Service shall be immediately notified. If the preconstruction/preactivity survey reveals an active natal pupping or new information, the project applicant should contact the Service immediately to obtain the necessary take authorization/permit.

If take authorization/permit has already been issued, then the biologist may proceed with den destruction within the project boundary, except natal/pupping dens (active or inactive). Protective exclusion zones can be placed around all known and potential dens which occur outside the project footprint (conversely, the project boundary can be demarcated, see den destruction section).

OTHER PROJECTS

It is likely that all other projects occurring within kit fox habitat will require a take authorization/permit from the Service. This determination would be made by the Service during the early evaluation process (see Survey Protocol). These other projects would include, but are not limited to: linear projects; projects with large footprints such as urban development; and projects which in themselves may be small but have far reaching impacts (i.e., water storage or conveyance facilities that promote urban growth or agriculture, etc.).

The take authorization/permit issued by the Service may incorporate some or all of the protection measures presented in this document. The take authorization/permit may include measures specific to the needs of the project, and those requirements supersede any requirements found in this document.

EXCLUSION ZONES

The configuration of exclusion zones around the kit fox dens should have a radius measured outward from the entrance or cluster of entrances. The following radii are minimums, and if they cannot be followed the Service must be contacted:

Potential den	50 feet
Known den	100 feet
Natal/pupping den (occupied <u>and</u> unoccupied)	Service must be contacted
Atypical den	50 feet

Known den: To ensure protection, the exclusion zone should be demarcated by fencing that encircles each den at the appropriate distance and does not prevent access to the den by kit foxes. Exclusion zone fencing should be maintained until all construction related or operational disturbances have been terminated. At that time, all fencing shall be removed to avoid attracting subsequent attention to the dens.

Potential and Atypical dens: Placement of 4-5 flagged stakes 50 feet from the den entrance(s) will suffice to identify the den location; fencing will not be required, but the exclusion zone must be observed.

Construction and other project activities should be prohibited or greatly restricted within these exclusion zones. Only essential vehicle operation on existing roads and foot traffic should be permitted. Otherwise, all construction, vehicle operation, material storage, or any other type of surface-disturbing activity should be prohibited within the exclusion zones.

DESTRUCTION OF DENS

Disturbance to all San Joaquin kit fox dens should be avoided to the maximum extent possible. Protection provided by kit fox dens for use as shelter, escape, cover, and reproduction is vital to the survival of the species. Limited destruction of kit fox dens may be allowed, if avoidance is not a reasonable alternative, provided the following procedures are observed. The value to kit foxes of potential, known, and natal/pupping dens differ and therefore, each den type needs a different level of protection. **Destruction of any known or natal/pupping kit fox den requires take authorization/permit from the Service.**

Natal/pupping dens: Natal or pupping dens which are occupied will not be destroyed until the pups and adults have vacated and then only after consultation with the Service. Therefore, project activities at some den sites may have to be postponed.

Known Dens: Known dens occurring within the footprint of the activity must be monitored for three days with tracking medium or an infra-red beam camera to determine the current use. If no kit fox activity is observed during this period, the den should be destroyed immediately to preclude subsequent use. If kit fox activity is observed at the den during this period, the den should be monitored for at least five consecutive days from the time of the observation to allow any resident animal to move to another den during its normal activity. Use of the den can be discouraged during this period by partially plugging its entrances(s) with soil in such a manner that any resident animal can escape easily. Only when the den is determined to be unoccupied may the den be excavated under the direction of the biologist. If the animal is still present after five or more consecutive days of plugging and monitoring, the den may have to be excavated when, in the judgment of a biologist, it is temporarily vacant, for example during the animal's normal foraging activities. The Service encourages hand excavation, but realizes that soil conditions may necessitate the use of excavating equipment. However, extreme caution must be exercised.

Destruction of the den should be accomplished by careful excavation until it is certain that no kit foxes are inside. The den should be fully excavated, filled with dirt and compacted to ensure that kit foxes cannot reenter or use the den during the construction period. If at any point during excavation a kit fox is discovered inside the den, the excavation activity shall cease immediately and monitoring of the den as described above should be resumed. Destruction of the den may be completed when in the judgement of the biologist, the animal has escaped from the partially destroyed den.

Potential Dens: If a take authorization/permit has been obtained from the Service, den destruction may proceed without monitoring, unless other restrictions were issued with the take authorization/permit. If no take authorization/permit has been issued, then potential dens should be monitored as if they were known dens. If any den was considered to be a potential den, but is later determined during monitoring or destruction to be currently, or previously used by kit fox (e.g., if kit fox sign is found inside), then destruction shall cease and the Service shall be notified immediately.

CONSTRUCTION AND OPERATIONAL REQUIREMENTS

Habitat subject to permanent and temporary construction disturbances and other types of project-related disturbance should be minimized. Project designs should limit or cluster permanent project features to the smallest area possible while still permitting project goals to be achieved. To minimize temporary disturbances, all project-related vehicle traffic should be restricted to established roads, construction areas, and other designated areas. These areas should also be

included in preconstruction surveys and, to the extent possible, should be established in locations disturbed by previous activities to prevent further impacts.

1. Project-related vehicles should observe a 20-mph speed limit in all project areas, except on county roads and State and Federal highways; this is particularly important at night when kit foxes are most active. To the extent possible, night-time construction should be minimized. Off-road traffic outside of designated project areas should be prohibited.
2. To prevent inadvertent entrapment of kit foxes or other animals during the construction phase of a project, all excavated, steep-walled holes or trenches more than 2 feet deep should be covered at the close of each working day by plywood or similar materials, or provided with one or more escape ramps constructed of earth fill or wooden planks. Before such holes or trenches are filled, they should be thoroughly inspected for trapped animals. If at any time a trapped or injured kit fox is discovered, the procedures under number 13 of this section must be followed.
3. Kit foxes are attracted to den-like structures such as pipes and may enter stored pipe becoming trapped or injured. All construction pipes, culverts, or similar structures with a diameter of 4-inches or greater that are stored at a construction site for one or more overnight periods should be thoroughly inspected for kit foxes before the pipe is subsequently buried, capped, or otherwise used or moved in any way. If a kit fox is discovered inside a pipe, that section of pipe should not be moved until the Service has been consulted. If necessary, and under the direct supervision of the biologist, the pipe may be moved once to remove it from the path of construction activity, until the fox has escaped.
4. All food-related trash items such as wrappers, cans, bottles, and food scraps should be disposed of in closed containers and removed at least once a week from a construction or project site.
5. No firearms shall be allowed on the project site.
6. To prevent harassment, mortality of kit foxes or destruction of dens by dogs or cats, no pets should be permitted on project sites.
7. Use of rodenticides and herbicides in project areas should be restricted. This is necessary to prevent primary or secondary poisoning of kit foxes and the depletion of prey populations on which they depend. All uses of such compounds should observe label and other restrictions mandated by the U.S. Environmental Protection Agency, California Department of Food and Agriculture, and other State and Federal legislation, as well as additional project-related restrictions deemed necessary by the Service. If rodent control

must be conducted, zinc phosphide should be used because of proven lower risk to kit fox.

8. A representative shall be appointed by the project proponent who will be the contact source for any employee or contractor who might inadvertently kill or injure a kit fox or who finds a dead, injured or entrapped individual. The representative will be identified during the employee education program. The representative's name and telephone number shall be provided to the Service.
9. An employee education program should be conducted for any project that has expected impacts to kit fox or other endangered species. The program should consist of a brief presentation by persons knowledgeable in kit fox biology and legislative protection to explain endangered species concerns to contractors, their employees, and military and agency personnel involved in the project. The program should include the following: a description of the San Joaquin kit fox and its habitat needs; a report of the occurrence of kit fox in the project area; an explanation of the status of the species and its protection under the Endangered Species Act; and a list of measures being taken to reduce impacts to the species during project construction and implementation. A fact sheet conveying this information should be prepared for distribution to the above-mentioned people and anyone else who may enter the project site.
10. Upon completion of the project, all areas subject to temporary ground disturbances, including storage and staging areas, temporary roads, pipeline corridors, etc. should be re-contoured if necessary, and revegetated to promote restoration of the area to pre-project conditions. An area subject to "temporary" disturbance means any area that is disturbed during the project, but that after project completion will not be subject to further disturbance and has the potential to be revegetated. Appropriate methods and plant species used to revegetate such areas should be determined on a site-specific basis in consultation with the Service, California Department of Fish and Game (CDFG), and revegetation experts.
11. In the case of trapped animals, escape ramps or structures should be installed immediately to allow the animal(s) to escape, or the Service should be contacted for advice.
12. Any contractor, employee, or military or agency personnel who inadvertently kills or injures a San Joaquin kit fox shall immediately report the incident to their representative. This representative shall contact the CDFG immediately in the case of a dead, injured or entrapped kit fox. The CDFG contact for immediate assistance is State Dispatch at (916) 445-0045. They will contact the local warden or biologist.
13. The Sacramento Fish and Wildlife Office and CDFG will be notified in writing within three working days of the accidental death or injury to a San Joaquin kit fox during

project related activities. Notification must include the date, time, and location of the incident or of the finding of a dead or injured animal and any other pertinent information. The Service contact is the Chief of the Division of Endangered Species, at the addresses and telephone numbers given below. The CDFG contact is Mr. Ron Schlörff at 1416 9th Street, Sacramento, California 95814, (916) 654-4262.

Any project-related information required by the Service or questions concerning the above conditions or their implementation may be directed in writing to the U.S. Fish and Wildlife Service at:

Endangered Species Division
2800 Cottage Way, Suite W2605
Sacramento, California 95825-1846
(916) 414-6620

"Take" - Section 9 of the Endangered Species Act of 1973, as amended (Act) prohibits the "take" of any federally listed endangered species by any person (an individual, corporation, partnership, trust, association, etc.) subject to the jurisdiction of the United States. As defined in the Act, take means " . . . to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or attempt to engage in any such conduct." Thus, not only is a listed animal protected from activities such as hunting, but also from actions that damage or destroy its habitat.

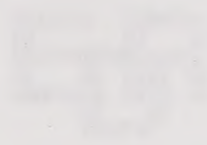
"Dens" - San Joaquin kit fox dens may be located in areas of low, moderate, or steep topography. Den characteristics are listed below, however, the specific characteristics of individual dens may vary and occupied dens may lack some or all of these features. Therefore, caution must be exercised in determining the status of any den. Typical dens may include the following: (1) one or more entrances that are approximately 5 to 8 inches in diameter; (2) dirt berms adjacent to the entrances; (3) kit fox tracks, scat, or prey remains in the vicinity of the den; (4) matted vegetation adjacent to the den entrances; and (5) manmade features such as culverts, pipes, and canal banks.

"Known den" - Any existing natural den or manmade structure that is used or has been used at any time in the past by a San Joaquin kit fox. Evidence of use may include historical records, past or current radiotelemetry or spotlighting data, kit fox sign such as tracks, scat, and/or prey remains, or other reasonable proof that a given den is being or has been used by a kit fox. The Service discourages use of the terms "active" and "inactive" when referring to any kit fox den because a great percentage of occupied dens show no evidence of use, and because kit foxes change dens often, with the result that the status of a given den may change frequently and abruptly.

"Potential Den" - Any subterranean hole within the species' range that has entrances of appropriate dimensions for which available evidence is insufficient to conclude that it is being used or has been used by a kit fox. Potential dens shall include the following: (1) any suitable subterranean hole; or (2) any den or burrow of another species (e.g., coyote, badger, red fox, or ground squirrel) that otherwise has appropriate characteristics for kit fox use.

"Natal or Pupping Den" - Any den used by kit foxes to whelp and/or rear their pups. Natal/pupping dens may be larger with more numerous entrances than dens occupied exclusively by adults. These dens typically have more kit fox tracks, scat, and prey remains in the vicinity of the den, and may have a broader apron of matted dirt and/or vegetation at one or more entrances. A natal den, defined as a den in which kit fox pups are actually whelped but not necessarily reared, is a more restrictive version of the pupping den. In practice, however, it is difficult to distinguish between the two, therefore, for purposes of this definition either term applies.

"Atypical Den" - Any manmade structure which has been or is being occupied by a San Joaquin kit fox. Atypical dens may include pipes, culverts, and diggings beneath concrete slabs and buildings.



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The ESI Radius MapSM Report

Quality Information Systems
10000 Wilshire Blvd., Suite 1000
Beverly Hills, CA 90212

Circle 100 on Reader Service Card

The Source
For Environmental
Risk Management
Data

Appendix D

Environmental Data Resources Radius Map Report

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Environmental Systems Inc.

Telephone: 310.277.1000

Fax: 310.277.1001

Internet: www.esi.com

Introduction

The purpose of this study is to investigate the effects of various factors on the growth of a specific plant species. The study was conducted over a period of six months, during which time the plants were grown under different conditions. The results of the study are presented in the following sections.

The first section of the study focuses on the effects of light intensity on plant growth. The plants were grown under three different light intensities: low, medium, and high. The results show that plants grown under high light intensity grew faster and taller than those grown under low or medium light intensity.

The second section of the study focuses on the effects of temperature on plant growth. The plants were grown under three different temperatures: low, medium, and high. The results show that plants grown under high temperature grew faster and taller than those grown under low or medium temperature.

The third section of the study focuses on the effects of water availability on plant growth. The plants were grown under three different water availability conditions: low, medium, and high. The results show that plants grown under high water availability grew faster and taller than those grown under low or medium water availability.

The fourth section of the study focuses on the effects of soil type on plant growth. The plants were grown under three different soil types: sandy, loamy, and clayey. The results show that plants grown under loamy soil grew faster and taller than those grown under sandy or clayey soil.

The fifth section of the study focuses on the effects of fertilizer on plant growth. The plants were grown under three different fertilizer conditions: low, medium, and high. The results show that plants grown under high fertilizer grew faster and taller than those grown under low or medium fertilizer.

The sixth section of the study focuses on the effects of pest control on plant growth. The plants were grown under three different pest control conditions: low, medium, and high. The results show that plants grown under high pest control grew faster and taller than those grown under low or medium pest control.



The EDR Radius Map™ Report

**Dinuba Northwest Specific Plan
Bloomingdale Way/Euclid Avenue
Dinuba, CA 93618**

Inquiry Number: 884887.1s

November 19, 2002

The Source For Environmental Risk Management Data

**3530 Post Road
Southport, Connecticut 06890**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

BLOOMINGDALE WAY/EUCLID AVENUE
DINUBA, CA 93618

COORDINATES

Latitude (North): 36.552400 - 36° 33' 8.6"
Longitude (West): 119.406100 - 119° 24' 22.0"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 284642.6
UTM Y (Meters): 4047712.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2436119-E4 REEDLEY, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRIS-TSD..... Resource Conservation and Recovery Information System
RCRIS-LQG..... Resource Conservation and Recovery Information System
RCRIS-SQG..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

AWP..... Annual Workplan Sites
Notify 65..... Proposition 65 Records
Toxic Pits..... Toxic Pits Cleanup Act Sites
SWF/LF..... Solid Waste Information System

EXECUTIVE SUMMARY

WMUDS/SWAT..... Waste Management Unit Database
VCP..... Voluntary Cleanup Program Properties
CA FID UST..... Facility Inventory Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions
FINDS..... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
RAATS..... RCRA Administrative Action Tracking System
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
SSTS..... Section 7 Tracking Systems
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST..... Aboveground Petroleum Storage Tank Facilities
CLEANERS..... Cleaner Facilities
CA WDS..... Waste Discharge System
DEED..... List of Deed Restrictions
CA SLIC..... Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
HAZNET..... Hazardous Waste Information System

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STATE ASTM STANDARD

CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there are 2 Cal-Sites sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FLEX-MULTILAYER, INC.	301 NORTH M STREET	1 - 2 SE	13	18
DINUBA MUNICIPAL SEWERAGE TREA	6675 AVENUE 412	1 - 2 SSW	15	20

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/1994 has revealed that there is 1 CHMIRS site within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	THE DINUBA SENTINEL, 14	1 - 2 SE	17	22

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 15 Cortese sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GAS-N-SAVE	1081 EL MONTE WAY	1/4 - 1/2 S	3	6
UNOCAL S/S #5686_2	145 ALTA AVE	1/2 - 1 SE	8	11
CHEVRON	150 ALTA N	1/2 - 1 SE	B9	12
UNOCAL S/S #5686_1	145 ALTA AVE N	1/2 - 1 SE	B10	13
UNOCAL S/S #5686_3	145 ALTA AVE N	1/2 - 1 SE	B11	15
ALTA DISTRICT HOSPITAL	500 ADELAIDE WAY	1/2 - 1 ESE	12	16
ALTA IRRIGATION DISTRICT	289 L ST N	1 - 2 SE	14	18
DINUBA AUTO COURT MARKET	6876 AVENUE 416	1 - 2 WSW	16	20
SCELLENBERG BUICK	145 N J ST	1 - 2 SE	18	23
JIM MANNING DODGE	194 TULARE W	1 - 2 SE	19	24
RAGER TIRE & AUTO	401 TULARE W	1 - 2 SE	20	26
BANK OF AMERICA	240 TULARE ST E	1 - 2 SE	C21	27
SMITH AUTO PARTS	124 K ST S	1 - 2 SE	C22	29
BEACON #354	357 TULARE ST E	1 - 2 ESE	D23	30
WELLS FARGO PROPERTY	401 TULARE ST E	1 - 2 ESE	D24	33

EXECUTIVE SUMMARY

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 07/11/2002 has revealed that there are 5 LUST sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GAS-N-SAVE	1081 EL MONTE WAY	1/4 - 1/2 S	3	6
UNOCAL S/S #5686_2	145 ALTA AVE	1/2 - 1 SE	8	11
CHEVRON	150 ALTA N	1/2 - 1 SE	B9	12
UNOCAL S/S #5686_1	145 ALTA AVE N	1/2 - 1 SE	B10	13
UNOCAL S/S #5686_3	145 ALTA AVE N	1/2 - 1 SE	B11	15

BEP: Bond Expenditure Plan comes from the Department of Health Services.

A review of the CA BOND EXP. PLAN list, as provided by EDR, has revealed that there are 2 CA BOND EXP. PLAN sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FLEX-MULTILAYER, INC.	301 NORTH M STREET	1 - 2 SE	13	18
SOUTHERN CALIFORNIA GAS COMPAN	216 SOUTH "O" STREET 23	1 - 2 SE	25	34

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 01/17/2002 has revealed that there are 2 UST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GAS-N-SAVE	1081 EL MONTE WAY	1/4 - 1/2 S	3	6
DINUBA EXXON	1150 EL MONTE WAY	1/4 - 1/2 SSW	A5	8

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 6 HIST UST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PAUL L. TURNER	795 N EUCLID AVE	1/4 - 1/2 E	1	6
GLEFFE	42032 ROAD 72	1/4 - 1/2 W	2	6
GAS-N-SAVE	1081 EL MONTE WAY	1/4 - 1/2 S	3	6
KENNETH D. CUTBIRTH	391 N EUCLID AVE	1/4 - 1/2 SE	4	8
JOHN HARNESS & SON INC	1150 E EL MONTE WAY	1/4 - 1/2 SSW	A6	9
BRANDT FARMS INC	1311 N EUCLID AVE	1/4 - 1/2 NE	7	10

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name

SUNRISE MINI MART

CALIFORNIA GROWERS WINERIES (1)
T.L. REED SCHOOL SITE - PROPOSED
JOHN HARNESS & SON EXXON
SO CAL GAS/DINUBA MGP
CITY OF DINUBA PROPERTY
DINUBA CITY DUMP
CITY OF REEDLEY LANDFILL
MIKE CHOLAKIAN
DINUBA PUBLIC WORKS DEPT
DINUBA EQUIPMENT AND TRACTOR A
AUTOMOTIVE CENTER
DINUBA COLD STORAGE
CITY OF DINUBA LANDFILL
DINUBA UNIFIED SCHOOL DIST
AIR-O-FAN PRODUCTS CORPORATION
DINUBA ENERGY
S&H PAINT & BODY
GAS & SAVE
DINUBA EQUIPMENT RENTAL
QUICK SHOP
CITY OF DINUBA/COMMUNITY DEV DEPT
TULARE COUNTY/HOUSING AUTHORITY
CALPINE CONTAINERS INC DINUBA
DINUBA, CITY OF WTF
DINUBA SAWMIL & COGENERATION

Database(s)

LUST, UST, Fresno Co.
CUPA
Cal-Sites
Cal-Sites
LUST, Cortese
Cortese
LUST, Cortese
SWF/LF
SWF/LF
HIST UST
HIST UST
HIST UST
HIST UST
HIST UST
WMUDS/SWAT
HAZNET
HAZNET
HAZNET
HAZNET
HAZNET
HAZNET
HAZNET
HAZNET
HAZNET
RCRIS-SQG, FINDS
FINDS
CA WDS

OVERVIEW MAP - 884887.1s - Quad Knopf



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Coal Gasification Sites

■ National Priority List Sites

■ Landfill Sites

— County Boundary

— Power transmission lines

— Oil & Gas pipelines

— 100-year flood zone

— 500-year flood zone

— Wetlands

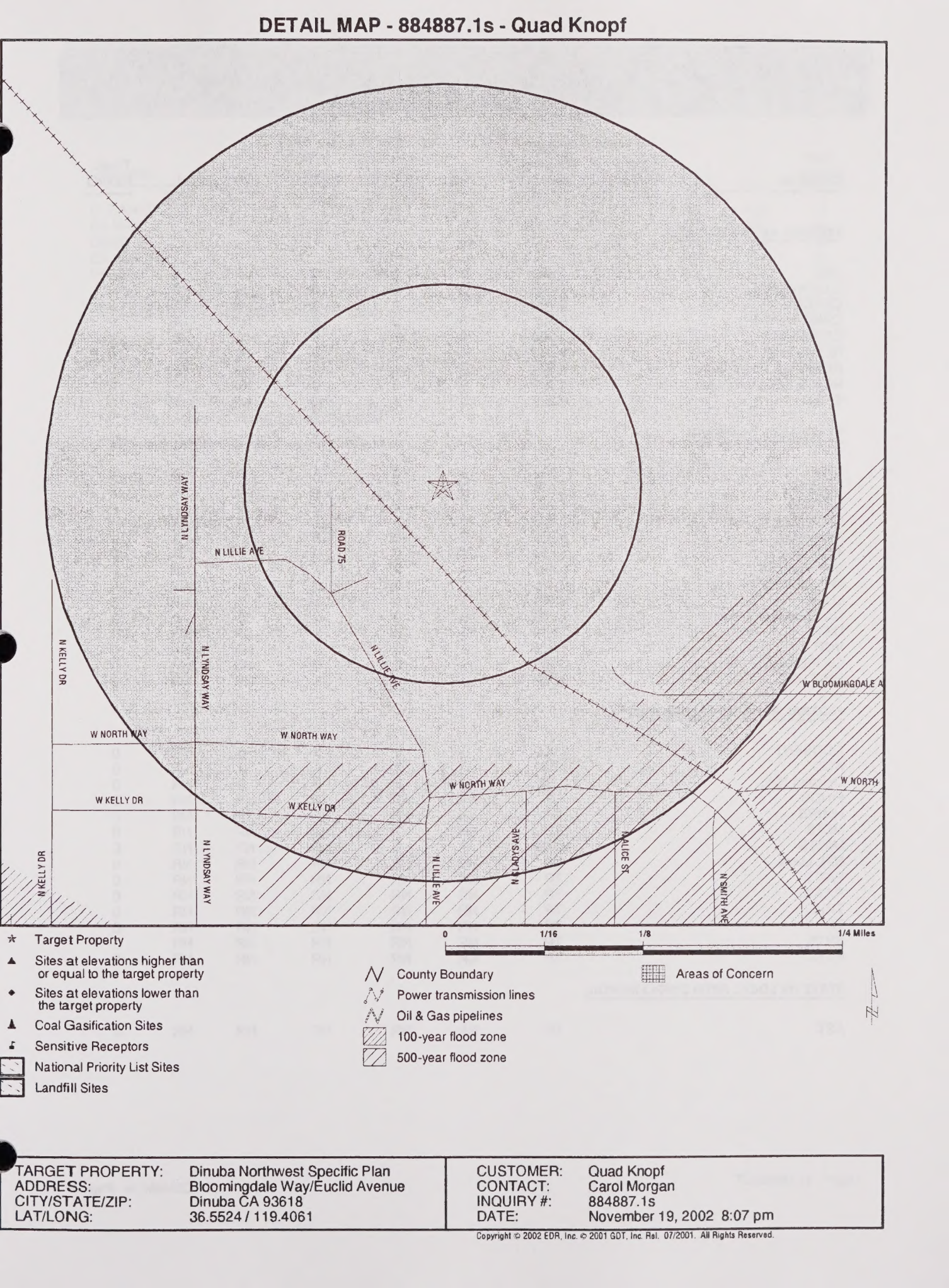
■ Areas of Concern

0 1/2 1 2 Miles

TARGET PROPERTY: Dinuba Northwest Specific Plan
ADDRESS: Bloomingdale Way/Euclid Avenue
CITY/STATE/ZIP: Dinuba CA 93618
LAT/LONG: 36.5524 / 119.4061

CUSTOMER: Quad Knopf
CONTACT: Carol Morgan
INQUIRY #: 884887.1s
DATE: November 19, 2002 8:07 pm

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[illegible]

- 7** (continued)

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.250	0	0	0	0	0	0
Proposed NPL		1.250	0	0	0	0	0	0
CERCLIS		0.750	0	0	0	0	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.250	0	0	0	0	0	0
RCRIS-TSD		0.750	0	0	0	0	NR	0
RCRIS Lg. Quan. Gen.		0.500	0	0	0	NR	NR	0
RCRIS Sm. Quan. Gen.		0.500	0	0	0	NR	NR	0
ERNS		0.250	0	0	NR	NR	NR	0

STATE ASTM STANDARD

AWP		1.250	0	0	0	0	0	0
Cal-Sites		1.250	0	0	0	0	2	2
CHMIRS		1.250	0	0	0	0	1	1
Cortese		1.250	0	0	1	5	9	15
Notify 65		1.250	0	0	0	0	0	0
Toxic Pits		1.250	0	0	0	0	0	0
State Landfill		0.750	0	0	0	0	NR	0
WMUDS/SWAT		0.750	0	0	0	0	NR	0
LUST		0.750	0	0	1	4	NR	5
CA Bond Exp. Plan		1.250	0	0	0	0	2	2
UST		0.500	0	0	2	NR	NR	2
VCP		0.500	0	0	0	NR	NR	0
CA FID UST		0.500	0	0	0	NR	NR	0
HIST UST		0.500	0	0	6	NR	NR	6

FEDERAL ASTM SUPPLEMENTAL

CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0

STATE OR LOCAL ASTM SUPPLEMENTAL

AST	TP		NR	NR	NR	NR	NR	0
-----	----	--	----	----	----	----	----	---

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
DEED	TP		NR	NR	NR	NR	NR	0
CA SLIC		0.500	0	0	0	NR	NR	0
HAZNET		0.250	0	0	NR	NR	NR	0

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas		1.000	0	0	0	0	NR	0
----------	--	-------	---	---	---	---	----	---

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1
East
1/4-1/2
1912 ft.
Higher

PAUL L. TURNER
795 N EUCLID AVE
DINUBA, CA 93618

HIST UST U001587983
N/A

UST HIST:

Facility ID: 58928
Tank Num: 1
Tank Capacity: 280
Tank Used for: Not Reported
Type of Fuel: REGULAR
Leak Detection: None
Contact Name: Not reported
Total Tanks: 1
Facility Type: Not reported

Container Num: 1
Year Installed: 1965
Tank Construction: Not reported
Telephone: (209) 591-0832
Region: STATE
Other Type: FARM

2
West
1/4-1/2
2263 ft.
Higher

GLEFFE
42032 ROAD 72
DINUBA, CA 93618

HIST UST U001587918
N/A

UST HIST:

Facility ID: 28824
Tank Num: 1
Tank Capacity: 300
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Leak Detection: None
Contact Name: Not reported
Total Tanks: 1
Facility Type: 2

Container Num: 1
Year Installed: Not reported
Tank Construction: Not reported
Telephone: (209) 591-0950
Region: STATE
Other Type: FARM FUEL STORAGE

3
South
1/4-1/2
2346 ft.
Higher

GAS-N-SAVE
1081 EL MONTE WAY
DINUBA, CA 93618

LUST U001587910
Cortese N/A
UST
HIST UST

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 5T54000375
Reg Board: 5
Chemical: Unleaded Gasoline
Lead Agency: Local Agency
Local Agency: 54000
Case Type: Aquifer affected
Status: Not reported
County: Tulare
Review Date: Not reported
Workplan: 6/4/96
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported

Confirm Leak: Not reported
Prelim Assess: 6/4/96
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GAS-N-SAVE (Continued)

U001587910

Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 3/25/96
Enforcement Dt : 1/1/65
Enf Type: None Taken
Enter Date : 5/28/96
Funding: Federal Funds
Staff Initials: GUS
How Discovered: Inventory Control
How Stopped: Other Means
Interim : Not reported
Leak Cause: Structure Failure
Leak Source: Other Source
MTBE Date : 12/2/98
Max MTBE GW : 1200000
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: High priority
Local Case # : Not reported
Beneficial: Not reported
Staff : DAM
GW Qualifies : =
Max MTBE Soil : Not reported
Soil Qualifies : =
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm: LOP
Review Date : 3/18/98
Stop Date : 3/25/96
Work Suspended N
Responsible Party: GURDEEP PATAR
RP Address: 3230-D MITCHELL ROAD, CERES, CA 95307
Global Id: T0610700350
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
Mtbe Fuel: Not reported
Water System Name: CITY OF DINUBA - PUBLIC WORKS
Well Name: WELL 01 - INACTIVE
Distance To Lust: 1279.676507
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: UNLEAD GASOLINE
Case Type: Aquifer affected
Program: LUST
Staff Initials: DAM Case Number: 5T54000375
Status: Remedial action (cleanup) Underway
MTBE Code: 9
Responsible Party: GURDEEP PATAR
County Name: TULARE

CORTESE:

Reg Id: 5T54000375
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GAS-N-SAVE (Continued)

U001587910

UST HIST:

Facility ID: 8748
Tank Num: 1
Tank Capacity: 10000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Leak Detection: Stock Inventor
Contact Name: PHYLLIS STELL
Total Tanks: 3
Facility Type: 1
Container Num: 77-1
Year Installed: Not reported
Tank Construction: Not reported
Telephone: (209) 591-9875
Region: STATE
Other Type: Not reported

Facility ID: 8748
Tank Num: 2
Tank Capacity: 10000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Leak Detection: Stock Inventor
Contact Name: PHYLLIS STELL
Total Tanks: 3
Facility Type: 1
Container Num: 77-2
Year Installed: Not reported
Tank Construction: Not reported
Telephone: (209) 591-9875
Region: STATE
Other Type: Not reported

Facility ID: 8748
Tank Num: 3
Tank Capacity: 6000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: PHYLLIS STELL
Total Tanks: 3
Facility Type: 1
Container Num: 77-3
Year Installed: Not reported
Tank Construction: Not reported
Telephone: (209) 591-9875
Region: STATE
Other Type: Not reported

State UST:

Facility ID: FA1008748
Total Tanks: 1
Region: STATE
Local Agency: 54000

4
SE
1/4-1/2
2372 ft.
Higher

KENNETH D. CUTBIRTH
391 N EUCLID AVE
DINUBA, CA 93618

HIST UST U001587955
N/A

UST HIST:

Facility ID: 38386
Tank Num: 1
Tank Capacity: 550
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: None
Contact Name: Not reported
Total Tanks: 1
Facility Type: 2
Container Num: 1
Year Installed: Not reported
Tank Construction: Not reported
Telephone: (209) 591-5004
Region: STATE
Other Type: PRIVATE

A5
SSW
1/4-1/2
2411 ft.
Higher

DINUBA EXXON
1150 EL MONTE WAY
DINUBA, CA 93618
Site 1 of 2 in cluster A

UST U003788967
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DINUBA EXXON (Continued)

U003788967

State UST:

Facility ID: FA1005738
Total Tanks: 1
Region: STATE
Local Agency: 54000

A6
SSW
1/4-1/2
2411 ft.
Higher

JOHN HARNESS & SON INC
1150 E EL MONTE WAY
DINUBA, CA 93618

HIST UST U001587945
N/A

Site 2 of 2 in cluster A

UST HIST:

Facility ID: 5738
Tank Num: 1
Tank Capacity: 8000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Leak Detection: Stock Inventor
Contact Name: MARK HARNESS
Total Tanks: 9
Facility Type: 1

Container Num: 80001
Year Installed: Not reported

Tank Construction: Not reported

Telephone: (209) 591-1262
Region: STATE
Other Type: Not reported

Facility ID: 5738
Tank Num: 2
Tank Capacity: 5000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Leak Detection: Stock Inventor
Contact Name: MARK HARNESS
Total Tanks: 9
Facility Type: 1

Container Num: 50002
Year Installed: Not reported

Tank Construction: Not reported

Telephone: (209) 591-1262
Region: STATE
Other Type: Not reported

Facility ID: 5738
Tank Num: 3
Tank Capacity: 8000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: MARK HARNESS
Total Tanks: 9
Facility Type: 1

Container Num: 80003
Year Installed: Not reported

Tank Construction: Not reported

Telephone: (209) 591-1262
Region: STATE
Other Type: Not reported

Facility ID: 5738
Tank Num: 4
Tank Capacity: 8000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: MARK HARNESS
Total Tanks: 9
Facility Type: 1

Container Num: 80004
Year Installed: Not reported

Tank Construction: Not reported

Telephone: (209) 591-1262
Region: STATE
Other Type: Not reported

Facility ID: 5738
Tank Num: 5
Tank Capacity: 10000
Tank Used for: PRODUCT
Type of Fuel: DIESEL

Container Num: 100005
Year Installed: Not reported

Tank Construction: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

JOHN HARNESS & SON INC (Continued)

U001587945

Leak Detection:	Stock Inventor	Telephone:	(209) 591-1262
Contact Name:	MARK HARNESS	Region:	STATE
Total Tanks:	9	Other Type:	Not reported
Facility Type:	1		
Facility ID:	5738	Container Num:	80006
Tank Num:	6	Year Installed:	Not reported
Tank Capacity:	8000	Tank Construction:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	PREMIUM	Telephone:	(209) 591-1262
Leak Detection:	Stock Inventor	Region:	STATE
Contact Name:	MARK HARNESS	Other Type:	Not reported
Total Tanks:	9		
Facility Type:	1	Container Num:	80007
Facility ID:	5738	Year Installed:	Not reported
Tank Num:	7	Tank Construction:	Not reported
Tank Capacity:	8000	Telephone:	(209) 591-1262
Tank Used for:	PRODUCT	Region:	STATE
Type of Fuel:	PREMIUM	Other Type:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	MARK HARNESS	Container Num:	150008
Total Tanks:	9	Year Installed:	Not reported
Facility Type:	1	Tank Construction:	Not reported
Facility ID:	5738	Telephone:	(209) 591-1262
Tank Num:	8	Region:	STATE
Tank Capacity:	15000	Other Type:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Container Num:	10009
Leak Detection:	Stock Inventor	Year Installed:	Not reported
Contact Name:	MARK HARNESS	Tank Construction:	Not reported
Total Tanks:	9	Telephone:	(209) 591-1262
Facility Type:	1	Region:	STATE
Facility ID:	5738	Other Type:	Not reported
Tank Num:	9		
Tank Capacity:	1000	Container Num:	10009
Tank Used for:	PRODUCT	Year Installed:	Not reported
Type of Fuel:	UNLEADED	Tank Construction:	Not reported
Leak Detection:	Stock Inventor	Telephone:	(209) 591-1262
Contact Name:	MARK HARNESS	Region:	STATE
Total Tanks:	9	Other Type:	Not reported
Facility Type:	1		

7
NE
1/4-1/2
2503 ft.
Higher

BRANDT FARMS INC
1311 N EUCLID AVE
DINUBA, CA 93618

HIST UST U001587859
N/A

UST HIST:

Facility ID:	28922	Container Num:	1
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	500	Tank Construction:	Not reported
Tank Used for:	PRODUCT	Telephone:	(209) 638-6961
Type of Fuel:	REGULAR		
Leak Detection:	None		
Contact Name:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BRANDT FARMS INC (Continued)

U001587859

Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	FARM
Facility ID:	28922		
Tank Num:	2	Container Num:	N/A
Tank Capacity:	500	Year Installed:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Tank Construction:	Not reported
Leak Detection:	None		
Contact Name:	Not reported	Telephone:	(209) 638-6961
Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	FARM

8
SE
1/2-1
3686 ft.
Higher

UNOCAL S/S #5686_2
145 ALTA AVE
DINUBA, CA 93618

LUST S102440240
Cortese N/A

State LUST:

Cross Street:	EL MONTE		
Qty Leaked:	Not reported		
Case Number	5T54000371		
Reg Board:	5		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	54000		
Case Type:	Soil only		
Status:	Not reported		
County:	Tulare		
Review Date:	11/18/94	Confirm Leak:	11/18/94
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	7/31/96		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	11/17/94		
Enforcement Dt :	1/1/65		
Enf Type:	None Taken		
Enter Date :	4/23/96		
Funding:	Responsible Party		
Staff Initials:	UNK		
How Discovered:	Inventory Control		
How Stopped:	Other Means		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	7/31/96		
Max MTBE GW :	Not reported		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	4		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	JGW		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	<		
Hydr Basin #:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

UNOCAL S/S #5686_2 (Continued)

S102440240

Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 7/31/96
Stop Date : Not reported
Work Suspended :N
Responsible PartyUNOCAL CORPORATION
RP Address: 2929 IMPERIAL HWY, 2ND FLOOR, BREA, CA 92621
Global Id: T0610700347
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: Not reported
Water System Name: CITY OF DINUBA - PUBLIC WORKS
Well Name: WELL 01 - INACTIVE
Distance To Lust: 660.5371018
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Soil only
Program: LUST
Staff Initials: DAM
Status: Case Closed
MTBE Code: N/A
Responsible Party: UNOCAL CORPORATION
County Name: TULARE
Case Number: 5T54000371

CORTESE:

Reg Id: 5T54000371
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

B9
SE
1/2-1
3942 ft.
Higher

CHEVRON
150 ALTA N
DINUBA, CA

Site 1 of 3 in cluster B

LUST S105027746
Cortese N/A

State LUST:

Cross Street: EL MONTE
Qty Leaked: Not reported
Case Number 5T54000332
Reg Board: 5
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 54000
Case Type: Soil only
Status: Not reported
County: Tulare
Review Date: 9/2/94
Workplan: 6/22/95
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 9/22/95
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 6/23/94
Enforcement Dt : 1/1/65
Confirm Leak: 9/2/94
Prelim Assess: 6/22/95
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON (Continued)

S105027746

Enf Type: None Taken
Enter Date : 9/29/94
Funding: Federal Funds
Staff Initials: JOH
How Discovered: Tank Closure
How Stopped: Remove Contents
Interim : Not reported
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: 4
Local Case # : Not reported
Beneficial: Not reported
Staff : JGW
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 9/22/95
Stop Date : 6/28/94
Work Suspended :N
Responsible Party:CHEVRON U.S.A.
RP Address: 2410 CAMINO RAMON, SAN RAMON, CA 94583
Global Id: T0610700314
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtb Fuel: Not reported
Water System Name: CITY OF DINUBA - PUBLIC WORKS
Well Name: WELL 05 - BEFORE GAC
Distance To Lust: 865.1150201
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Soil only
Program: LUST
Staff Initials: DAM Case Number: 5T54000332
Status: Case Closed
MTBE Code: N/A
Respble Party: CHEVRON U.S.A.
County Name: TULARE

CORTESE:

Reg Id: 5T54000332
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

B10 UNOCAL S/S #5686_1
SE 145 ALTA AVE N
1/2-1 DINUBA, CA 93618
3952 ft.
Higher Site 2 of 3 in cluster B

LUST S102440239
Cortese N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

UNOCAL S/S #5686_1 (Continued)

S102440239

State LUST:

Cross Street:	EL MONTE	
Qty Leaked:	Not reported	
Case Number	5T54000370	
Reg Board:	5	
Chemical:	Gasoline	
Lead Agency:	Local Agency	
Local Agency :	54000	
Case Type:	Soil only	
Status:	Not reported	
County:	Tulare	
Review Date:	9/28/94	Confirm Leak: 9/28/94
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	Monitoring: Not reported
Close Date:	7/31/96	
Release Date:	Not reported	
Cleanup Fund Id :	Not reported	
Discover Date :	9/22/94	
Enforcement Dt :	1/1/65	
Enf Type:	None Taken	
Enter Date :	4/23/96	
Funding:	Responsible Party	
Staff Initials:	UNK	
How Discovered:	Other Means	
How Stopped:	Other Means	
Interim :	Not reported	
Leak Cause:	Unknown	
Leak Source:	Unknown	
MTBE Date :	7/31/96	
Max MTBE GW :	Not reported	
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected	
Priority:	4	
Local Case # :	Not reported	
Beneficial:	Not reported	
Staff :	JGW	
GW Qualifies :	Not reported	
Max MTBE Soil :	Not reported	
Soil Qualifies :	<	
Hydr Basin #:	Not reported	
Operator :	Not reported	
Oversight Prgm:	Local Oversight Program UST	
Oversight Prgm :	LOP	
Review Date :	7/31/96	
Stop Date :	Not reported	
Work Suspended :	N	
Responsible Party:	UNOCAL CORP.	
RP Address:	2929 IMPERIAL HWY, RM 2134, BREA, CA 92621	
Global Id:	T0610700346	
Org Name:	Not reported	
Contact Person:	Not reported	
MTBE Conc:	1	
Mtbe Fuel:	Not reported	
Water System Name:	CITY OF DINUBA - PUBLIC WORKS	
Well Name:	WELL 05 - BEFORE GAC	
Distance To Lust:	865.1150201	
Waste Discharge Global ID:	Not reported	

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL S/S #5686_1 (Continued)

S102440239

Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE

Case Type: Soil only

Program: LUST

Staff Initials: DAM

Case Number: 5T54000370

Status: Case Closed

MTBE Code: N/A

Respble Party: UNOCAL CORP.

County Name: TULARE

CORTESE:

Reg Id: 5T54000370

Region: CORTESE

Reg By: Leaking Underground Storage Tanks

B11
SE
1/2-1
3952 ft.
Higher

UNOCAL S/S #5686_3
145 ALTA AVE N
DINUBA, CA 93618

LUST S102440241
Cortese N/A

Site 3 of 3 in cluster B

State LUST:

Cross Street: EL MONTE

Qty Leaked: Not reported

Case Number: 5T54000372

Reg Board: 5

Chemical: Gasoline

Lead Agency: Local Agency

Local Agency : 54000

Case Type: Soil only

Status: Not reported

County: Tulare

Review Date: 12/13/93

Workplan: Not reported

Pollution Char: Not reported

Remed Action: Not reported

Close Date: 7/31/96

Release Date: Not reported

Cleanup Fund Id : Not reported

Discover Date : 12/13/93

Enforcement Dt : 1/1/65

Enf Type: None Taken

Enter Date : 4/26/96

Funding: Responsible Party

Staff Initials: UNK

How Discovered: Inventory Control

How Stopped: Other Means

Interim : Not reported

Leak Cause: Unknown

Leak Source: Unknown

MTBE Date : 7/31/96

Max MTBE GW : Not reported

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

Priority: 4

Local Case # : Not reported

Beneficial: Not reported

Staff : JGW

GW Qualifies : Not reported

Confirm Leak: 12/13/93
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

UNOCAL S/S #5686_3 (Continued)

S102440241

Max MTBE Soil : Not reported
Soil Qualifies : <
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 7/31/96
Stop Date : Not reported
Work Suspended : N
Responsible Party: UNOCAL CORPORATION
RP Address: 2929 IMPERIAL HWY, RM 2134, BREA CA 93622
Global Id: T0610700348
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: Not reported
Water System Name: CITY OF DINUBA - PUBLIC WORKS
Well Name: WELL 05 - BEFORE GAC
Distance To Lust: 865.1150201
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Soil only
Program: LUST
Staff Initials: DAM
Status: Case Closed
MTBE Code: N/A
Respble Party: UNOCAL CORPORATION
County Name: TULARE

Case Number: 5T54000372

CORTESE:

Reg Id: 5T54000372
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

12
ESE
1/2-1
4920 ft.
Higher

ALTA DISTRICT HOSPITAL
500 ADELAIDE WAY
DINUBA, CA 93618

LUST S104404606
Cortese N/A

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 5T54000149
Reg Board: 5
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 54000
Case Type: Soil only
Status: Not reported
County: Tulare
Review Date: 5/17/89
Workplan: 5/11/92
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 1/29/96
Release Date: Not reported

Confirm Leak: 5/17/89
Prelim Assess: 5/11/92
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)

Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ALTA DISTRICT HOSPITAL (Continued)

S104404606

Cleanup Fund Id : Not reported
Discover Date : 3/27/89
Enforcement Dt : 5/17/89
Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Enter Date : 4/14/89
Funding: Federal Funds
Staff Initials: VAN
How Discovered: Tank Closure
How Stopped: Remove Contents
Interim : Not reported
Leak Cause: Corrosion
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: 4
Local Case # : Not reported
Beneficial: Not reported
Staff : JGW
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 1/29/96
Stop Date : 3/29/89
Work Suspended N
Responsible Party:ALTA DISTRICT HOSPITAL
RP Address: 500 ADELAIDE WAY, DINUBA, CA 93618
Global Id: T0610700149
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: CITY OF DINUBA - PUBLIC WORKS
Well Name: WELL 01 - INACTIVE
Distance To Lust: 1471.924481
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Soil only
Program: LUST
Staff Initials: DAM
Status: Case Closed
MTBE Code: N/A
Resple Party: ALTA DISTRICT HOSPITAL
County Name: TULARE

Case Number: 5T54000149

CORTESE:

Reg Id: 5T54000149
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

13 FLEX-MULTILAYER, INC.
SE 301 NORTH M STREET
> 1 DINUBA, CA 93618
5294 ft.
Higher

Cal-Sites S100833350
CA BOND EXP. PLAN N/A

CAL-SITES:

Facility ID 54360014
Status: CERT - CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC
OVERSIGHT
Status Date: 06/28/1991
Lead: DTSC
Region: 1 - SACRAMENTO
Branch: CC - CENTRAL CALIFORNIA
File Name: Not reported
Status Name: CERTIFIED
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported
NPL: Not Listed
SIC: 36 MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
Facility Type: STATE FUNDED SITE
Type Name: STATE
Staff Member Responsible for Site: KSHADDY
Supervisor Responsible for Site: TKOVAC
Region Water Control Board: Not reported
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: 23.83
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Unknown
No. of Contamination Sources: 0
Lat/Long: 36° 32' 31.00" / 119° 23' 29.00"
Lat/long Method: TEALE ADDRESS MATCH
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

14 ALTA IRRIGATION DISTRICT
SE 289 L ST N
> 1 DINUBA, CA 93618
5371 ft.
Higher

LUST S104161478
Cortese N/A

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number 5T54000163
Reg Board: 5
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 54000
Case Type: Aquifer affected
Status: Not reported
County: Tulare
Review Date: 9/8/89
Workplan: 10/13/93
Pollution Char: 4/4/95
Remed Action: Not reported
Close Date: Not reported
Release Date: Not reported
Confirm Leak: 9/8/89
Prelim Assess: 10/13/93
Remed Plan: 4/4/95
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

ALTA IRRIGATION DISTRICT (Continued)

S104161478

Cleanup Fund Id : Not reported
Discover Date : 7/1/89
Enforcement Dt : 10/27/92
Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Enter Date : 8/25/89
Funding: Federal Funds
Staff Initials: KEI
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : No
Leak Cause: Corrosion
Leak Source: Tank
MTBE Date : 3/9/98
Max MTBE GW : 5
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: High priority
Local Case # : Not reported
Beneficial: Not reported
Staff : DAM
GW Qualifies : <
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 3/18/98
Stop Date : 7/1/89
Work Suspended : N
Responsible Party:ALTA IRRIGATION DISTRICT
RP Address: 289 N. L" - DINUBA, CA 93618"
Global Id: T0610700163
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mlbe Fuel: Not reported
Water System Name: CITY OF DINUBA - PUBLIC WORKS
Well Name: WELL 04 - DESTROYED
Distance To Lust: 829.1686067
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Aquifer affected
Program: LUST
Staff Initials: DAM
Status: Case Closed
MTBE Code: 1
Respble Party: ALTA IRRIGATION DISTRICT
County Name: TULARE

Case Number: 5T54000163

CORTESE:

Reg Id: 5T54000163
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

15 DINUBA MUNICIPAL SEWERAGE TREATMENT PLT
SSW 6675 AVENUE 412
> 1 DINUBA, CA 93618
5499 ft.
Higher

Cal-Sites S101482825
N/A

CAL-SITES:

Facility ID 54490011
Status: REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY
CONTROLBOARD (RWQCB) LEAD
Status Date: 07/31/1989
Lead: Not reported
Region: 1 - SACRAMENTO
Branch: CC - CENTRAL CALIFORNIA
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: N/A Not reported
NPL: Not reported
SIC: 49 ELECTRIC, GAS & SANITARY SERVICES
Facility Type: N/A
Type Name: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"
Lat/long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

16 DINUBA AUTO COURT MARKET
WSW 6876 AVENUE 416
> 1 DINUBA, CA 93618
5642 ft.
Higher

LUST S104161481
Cortese N/A

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number 5T54000052
Reg Board: 5
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 54000
Case Type: Soil only
Status: Not reported
County: Tulare
Review Date: 5/17/88
Workplan: 11/28/89
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: Not reported
Confirm Leak: 5/17/88
Prelim Assess: 11/28/89
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

DINUBA AUTO COURT MARKET (Continued)

S104161481

Cleanup Fund Id : Not reported
Discover Date : 5/17/88
Enforcement Dt : 2/26/92
Enf Type: Administrative Civil Liability complaints and orders, and Settlement Agreements
Enter Date : 10/23/87
Funding: State Funds
Staff Initials: UNK
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Priority: Low priority. Priority ranking can change over time.
Local Case # : Not reported
Beneficial: Not reported
Staff : DAM
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 9/30/96
Stop Date : 5/17/88
Work Suspended : N
Responsible Party: GILBERT M. SOLIZ
RP Address: 6876 AVENUE 416, DINUBA, CA 93618
Global Id: T0610700053
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtb Fuel: Not reported
Water System Name: Not reported
Well Name: WELL 01
Distance To Lust: 650.1598244
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Soil only
Program: LUST
Staff Initials: DAM
Status: Pollution Characterization
MTBE Code: N/A
Respble Party: GILBERT M. SOLIZ
County Name: TULARE

Case Number: 5T54000052

CORTESE:

Reg Id: 5T54000052
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

17
SE
> 1
5868 ft.
Higher

THE DINUBA SENTINEL, 145 SOUTH L ST.
DINUBA, CA 93618

CHMIRS S100278885
N/A

CHMIRS:

OES Control Number:	8802031	DOT ID:	NONE
DOT Hazard Class:	Not Reported		
Chemical Name:	UNKNOWN		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	Not reported
Environmental Contamination:	None Reported	Property Use:	Mercantile, Business
Incident Date:	27-JUN-88	Date Completed:	27-JUN-88
Time Completed :	1700		
Physical State Stored :	Not reported		
Physical State Released :	Not reported		
Release Unit :	Not reported		
Container Description :	Not reported		
Container Type :	Not reported		
Container Material :	Not reported		
Level Of Container :	Not reported		
Container Capacity :	Not reported		
Container Capacity Units (code) :	Not reported		
Extent Of Release (code) :	0		
Agency Id Number :	54708		
Agency Incident Number :	8807		
OES Incident Number :	8802031		
Time Notified :	1520		
Surrounding Area :	600		
Estimated Temperature :	90		
Property Management :	C		
More Than Two Substances Involved? :	Not reported		
Special Studies 1 :	Not reported		
Special Studies 2 :	Not reported		
Special Studies 3 :	Not reported		
Special Studies 4 :	Not reported		
Special Studies 5 :	Not reported		
Special Studies 6 :	Not reported		
Responding Agency Personnel # Of Injuries :	Not reported		
Responding Agency Personnel # Of Fatalities :	Not reported		
Resp Agncy Personnel # Of Decontaminated :	Not reported		
Others Number Of Decontaminated :	Not reported		
Others Number Of Injuries :	4		
Others Number Of Fatalities :	Not reported		
Vehicle Make/year :	Not reported		
Vehicle License Number :	Not reported		
Vehicle State :	Not reported		
Vehicle Id Number :	Not reported		
CA/DOT/PUC/ICC Number :	Not reported		
Company Name :	Not reported		
Reporting Officer Name/ID :	LILLIAN J. KELLY		
Report Date :	02-AUG-88		
Comments :	Yes		
Facility Telephone Number :	209 733-6441		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

18
SE
> 1
6194 ft.
Higher

SCHELLENBERG BUICK
145 N J ST
DINUBA, CA 93618

RCRIS-SQG
FINDS
LUST
Cortese
HIST UST

1000205110
CAD981686900

RCRIS:

Owner: SCHELLENBERG H
(415) 555-1212
EPA ID: CAD981686900
Contact: ENVIRONMENTAL MANAGER
(209) 591-1273
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

State LUST:

Cross Street:	Not reported	
Qty Leaked:	Not reported	
Case Number	5T54000136	
Reg Board:	5	
Chemical:	Regular Gasoline	
Lead Agency:	Local Agency	
Local Agency :	54000	
Case Type:	Soil only	
Status:	Not reported	
County:	Tulare	
Review Date:	Not reported	Confirm Leak: Not reported
Workplan:	3/22/90	Prelim Assess: 3/22/90
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	Monitoring: Not reported
Close Date:	11/27/90	
Release Date:	Not reported	
Cleanup Fund Id :	Not reported	
Discover Date :	11/17/88	
Enforcement Dt :	1/1/65	
Enf Type:	None Taken	
Enter Date :	12/2/88	
Funding:	State Funds	
Staff Initials:	VAN	
How Discovered:	Tank Closure	
How Stopped:	Not reported	
Interim :	Not reported	
Leak Cause:	Corrosion	
Leak Source:	Tank	
MTBE Date :	Not reported	
Max MTBE GW :	Not reported	
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.	
Priority:	4	
Local Case # :	Not reported	
Beneficial:	Not reported	
Staff :	JGW	

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SCHELLENBERG BUICK (Continued)

1000205110

GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 11/27/90
Stop Date : 11/4/88
Work Suspended N
Responsible Party: WIILEMS, LUELLA
RP Address: 701 W. HERBERT AVE. #65, REEDLEY, CA 93618
Global Id: T0610700136
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: CITY OF DINUBA - PUBLIC WORKS
Well Name: WELL 01 - INACTIVE
Distance To Lust: 1194.744403
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: REGULR GASOLINE
Case Type: Soil only
Program: LUST
Staff Initials: DAM
Status: Case Closed
MTBE Code: N/A
Respble Party: WIILEMS, LUELLA
County Name: TULARE

Case Number: 5T54000136

CORTESE:

Reg Id: 5T54000136
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

UST HIST:

Facility ID: 9004
Tank Num: 1
Tank Capacity: 0
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Leak Detection: None
Contact Name: HARVEY SCHELLENBERG, PRES
Total Tanks: 1
Facility Type: 2
Container Num: 1
Year Installed: Not reported
Tank Construction: Not reported
Telephone: (209) 591-1273
Region: STATE
Other Type: AUTOMOBILE DEALERSHI

19 JIM MANNING DODGE
SE 194 TULARE W
> 1 DINUBA, CA 93618
6259 ft.
Higher

LUST S101305330
Cortese N/A

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number 5T54000061
Reg Board: 5

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

JIM MANNING DODGE (Continued)

S101305330

Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 54000
Case Type: Aquifer affected
Status: Not reported
County: Tulare
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming), Vapor Extraction
Review Date: 5/19/88
Workplan: 6/24/91
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 9/4/98
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : 8/9/88
Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Enter Date : 10/23/87
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: 4
Local Case # : Not reported
Beneficial: Not reported
Staff : JGW
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 9/4/98
Stop Date : Not reported
Work Suspended : N
Responsible Party:JIM MANNING
RP Address: 1280 LINCOLN AVE., DINUBA, CA 93618
Global Id: T0610700062
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: CITY OF DINUBA - PUBLIC WORKS
Well Name: WELL 04 - DESTROYED
Distance To Lust: 1244.570328
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

JIM MANNING DODGE (Continued)

S101305330

LUST Region 5:

Substance: GASOLINE
Case Type: Aquifer affected
Program: LUST
Staff Initials: DAM
Status: Case Closed
MTBE Code: N/A
Responsible Party: JIM MANNING
County Name: TULARE

Case Number: 5T54000061

CORTESE:

Reg Id: 5T54000061
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

20
SE
> 1
6285 ft.
Higher

RAGER TIRE & AUTO
401 TULARE W
DINUBA, CA 93618

LUST S101305329
Cortese N/A

State LUST:

Cross Street: O STREET
Qty Leaked: Not reported
Case Number: 5T54000292
Reg Board: 5
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency: 54000
Case Type: Aquifer affected
Status: Not reported
County: Tulare

Review Date: 1/2/92
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: Not reported
Cleanup Fund Id: Not reported
Discover Date: 10/30/91
Enforcement Dt: 8/17/94

Confirm Leak: 1/2/92
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

Enf Type: Informal Enforcement Actions, including Notices of Violations and Staff Enforcement Letters
Enter Date: 2/10/92
Funding: Federal Funds
Staff Initials: KEN
How Discovered: Tank Closure
How Stopped: Other Means
Interim: Not reported
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date: 11/30/99
Max MTBE GW: 463
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: High priority
Local Case #: Not reported
Beneficial: Not reported
Staff: DAM
GW Qualifies: =
Max MTBE Soil: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RAGER TIRE & AUTO (Continued)

S101305329

Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 3/18/98
Stop Date : 10/30/91
Work Suspended :N
Responsible Party:FRED & CARAOLYN BATKIN
RP Address: 42022 ROAD 114 - DINUBA, CA 93618
Global Id: T0610700281
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: Not reported
Water System Name: CITY OF DINUBA - PUBLIC WORKS
Well Name: WELL 01 - INACTIVE
Distance To Lust: 414.7713917
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Aquifer affected
Program: LUST
Staff Initials: DAM
Status: Pollution Characterization
MTBE Code: 4
Respble Party: FRED & CARAOLYN BATKIN
County Name: TULARE

Case Number: 5T54000292

CORTESE:

Reg Id: 5T54000292
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

**C21
SE
> 1
6358 ft.
Higher**

**BANK OF AMERICA
240 TULARE ST E
DINUBA, CA 93618**

Site 1 of 2 in cluster C

**LUST S102424917
Cortese N/A**

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number 5T54000368
Reg Board: 5
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 54000
Case Type: Undefined
Status: Not reported
County: Tulare
Review Date: Not reported
Workplan: 2/8/94
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 10/28/99
Release Date: Not reported
Cleanup Fund Id : Not reported

Confirm Leak: Not reported
Prelim Assess: 2/8/94
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

BANK OF AMERICA (Continued)

S102424917

Discover Date : Not reported
Enforcement Dt : 1/1/65
Enf Type: None Taken
Enter Date : 4/3/96
Funding: Responsible Party
Staff Initials: JOE
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: 4
Local Case # : Not reported
Beneficial: Not reported
Staff : JGW
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 10/28/99
Stop Date : Not reported
Work Suspended N
Responsible PartyBANK OF AMERICA
RP Address: 10TH FLOOR, STE 105, COSTA MESA, CA 92626
Global Id: T0610700344
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtb Fuel: Not reported
Water System Name: CITY OF DINUBA - PUBLIC WORKS
Well Name: WELL 01 - INACTIVE
Distance To Lust: 598.936703
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Undefined
Program: LUST
Staff Initials: DAM
Status: Case Closed
MTBE Code: N/A
Respble Party: BANK OF AMERICA
County Name: TULARE

Case Number: 5T54000368

CORTESE:

Reg Id: 5T54000368
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

C22 SMITH AUTO PARTS
SE 124 K ST S
> 1 DINUBA, CA 93618
6447 ft.
Higher Site 2 of 2 in cluster C

LUST S104404574
Cortese N/A

State LUST:

Cross Street: Not reported

Qty Leaked: Not reported

Case Number 5T54000033

Reg Board: 5

Chemical: Gasoline

Lead Agency: Local Agency

Local Agency : 54000

Case Type: Soil only

Status: Not reported

County: Tulare

Review Date: 5/23/88

Workplan: 6/20/89

Pollution Char: Not reported

Remed Action: Not reported

Close Date: 4/30/96

Release Date: Not reported

Cleanup Fund Id : Not reported

Discover Date : Not reported

Enforcement Dt : 8/9/88

Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters

Enter Date : 10/27/87

Funding: Federal Funds

Staff Initials: UNK

How Discovered: Not reported

How Stopped: Not reported

Interim : Not reported

Leak Cause: Not reported

Leak Source: Not reported

MTBE Date : Not reported

Max MTBE GW : Not reported

MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.

Priority: 4

Local Case # : Not reported

Beneficial: Not reported

Staff : JGW

GW Qualifies : Not reported

Max MTBE Soil : Not reported

Soil Qualifies : Not reported

Hydr Basin #: Not reported

Operator : Not reported

Oversight Prgm: Local Oversight Program UST

Oversight Prgm : LOP

Review Date : 4/30/96

Stop Date : Not reported

Work Suspended N

Responsible PartySMITH AUTO PARTS

RP Address: P.O. BOX 808 - DINUBA, CA 93613

Global Id: T0610700034

Org Name: Not reported

Contact Person: Not reported

MTBE Conc: 0

Mtbe Fuel: Not reported

Confirm Leak: 5/23/88

Prelim Assess: 6/20/89

Remed Plan: Not reported

Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
Database(s) EPA ID Number

SMITH AUTO PARTS (Continued)

S104404574

Water System Name: CITY OF DINUBA - PUBLIC WORKS
Well Name: WELL 01 - INACTIVE
Distance To Lust: 1236.585548
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Soil only
Program: LUST
Staff Initials: DAM
Status: Case Closed
MTBE Code: N/A
Respble Party: SMITH AUTO PARTS
County Name: TULARE

Case Number: 5T54000033

CORTESE:

Reg Id: 5T54000033
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

D23
ESE
> 1
6458 ft.
Higher

BEACON #354
357 TULARE ST E
DINUBA, CA 93618

LUST S102596948
Cortese N/A

Site 1 of 2 in cluster D

State LUST:

Cross Street: I
Qty Leaked: Not reported
Case Number: 5T54000169
Reg Board: 5
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 54000
Case Type: Soil only
Status: Not reported
County: Tulare
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)

Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 12/13/89
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 10/13/89
Enforcement Dt : 1/1/65
Enf Type: None Taken
Enter Date : 10/31/89
Funding: State Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : No
Leak Cause: Overfill
Leak Source: Other Source
MTBE Date : 1/5/65
Max MTBE GW : 740000

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BEACON #354 (Continued)

S102596948

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: 4
Local Case #: Not reported
Beneficial: Not reported
Staff: JGW
GW Qualifies: =
Max MTBE Soil: Not reported
Soil Qualifies: Not reported
Hydr Basin #: Not reported
Operator: Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm: LOP
Review Date: 3/18/98
Stop Date: 10/3/89
Work Suspended: N
Responsible Party: ULTRAMAR INC.
RP Address: 525 WEST 3RD STREET, HANFORD
Global Id: T0610700169
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: Not reported
Water System Name: CITY OF DINUBA - PUBLIC WORKS
Well Name: WELL 01 - INACTIVE
Distance To Lust: 445.7773377
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Cross Street: I STREET
Qty Leaked: Not reported
Case Number: 5T54000405
Reg Board: 5
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency: 54000
Case Type: Aquifer affected
Status: Not reported
County: Tulare
Abate Method: Pump and Treat Ground Water - generally employed to remove dissolved
contaminants
Review Date: 5/15/97
Workplan: Not reported
Pollution Char: 4/30/97
Remed Action: Not reported
Close Date: Not reported
Release Date: Not reported
Cleanup Fund Id: Not reported
Discover Date: 5/14/97
Enforcement Dt: 1/1/65
Enf Type: None Taken
Enter Date: 5/27/97
Funding: Responsible Party
Staff Initials: UNK
How Discovered: Subsurface Monitoring
How Stopped: Other Means
Interim: Not reported
Leak Cause: Other Cause

Confirm Leak: 5/15/97
Prelim Assess: Not reported
Remed Plan: 4/30/97
Monitoring: Not reported

MAP FINDINGS

EDR ID Number
EPA ID Number

S102596948

Leak Source: Other Source
MTBE Date : 9/13/99
Max MTBE GW : 740000
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: High priority
Local Case # : Not reported
Beneficial: Not reported
Staff : DAM
GW Qualifies : =
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 10/31/00
Stop Date : 4/10/97
Work Suspended N
Responsible PartyULTRAMAR INC.
RP Address: PO BOX 466, HANFORD, CA 93232
Global Id: T0610700379
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtb Fuel: Not reported
Water System Name: CITY OF DINUBA - PUBLIC WORKS
Well Name: WELL 01 - INACTIVE
Distance To Lust: 445.7773377
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance:	GASOLINE		
Case Type:	Aquifer affected		
Program:	LUST		
Staff Initials:	DAM	Case Number:	5T54000405
Status:	Remedial action (cleanup) Underway		
MTBE Code:	9		
Respsble Party:	ULTRAMAR INC.		
County Name:	TULARE		

Substance:	GASOLINE		
Case Type:	Soil only		
Program:	LUST		
Staff Initials:	DAM	Case Number:	5T54000169
Status:	Case Closed		
MTBE Code:	9		
Respsble Party:	ULTRAMAR INC.		
County Name:	TULARE		

CORTESE:

Reg Id:	5T54000405
Region:	CORTESE
Reg By:	Leaking Underground Storage Tanks
Reg Id:	5T54000169
Region:	CORTESE
Reg By:	Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

D24 WELLS FARGO PROPERTY
ESE 401 TULARE ST E
> 1 DINUBA, CA 93618
6506 ft.
Higher Site 2 of 2 in cluster D

LUST S102441141
Cortese N/A

State LUST:

Cross Street:	I ST	
Qty Leaked:	Not reported	
Case Number	5T54000377	
Reg Board:	5	
Chemical:	Gasoline	
Lead Agency:	Regional Board	
Local Agency :	54000	
Case Type:	Aquifer affected	
Status:	Not reported	
County:	Tulare	
Review Date:	5/17/96	Confirm Leak: 5/17/96
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	Monitoring: Not reported
Close Date:	7/13/01	
Release Date:	Not reported	
Cleanup Fund Id :	Not reported	
Discover Date :	4/24/95	
Enforcement Dt :	1/1/65	
Enf Type:	None Taken	
Enter Date :	6/6/96	
Funding:	Federal Funds	
Staff Initials:	JOE	
How Discovered:	Other Means	
How Stopped:	Close Tank	
Interim :	Not reported	
Leak Cause:	Unknown	
Leak Source:	Unknown	
MTBE Date :	6/23/00	
Max MTBE GW :	12000	
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected	
Priority:	High priority	
Local Case # :	Not reported	
Beneficial:	Not reported	
Staff :	DAM	
GW Qualifies :	=	
Max MTBE Soil :	Not reported	
Soil Qualifies :	<	
Hydr Basin #:	Not reported	
Operator :	Not reported	
Oversight Prgm:	RB Lead Underground Storage Tank	
Oversight Prgm :	UST	
Review Date :	7/13/01	
Stop Date :	Not reported	
Work Suspended :	N	
Responsible Party:	WELLS FARGO BANK CORP PROP GRP	
RP Address:	333 S. GRAND AVE., LOS ANGELES, CA 90071	
Global Id:	T0610700352	
Org Name:	Not reported	
Contact Person:	Not reported	
MTBE Conc:	2	
Mtbe Fuel:	Not reported	

WELLS FARGO PROPERTY (Continued)

S102441141

Water System Name:	CITY OF DINUBA - PUBLIC WORKS
Well Name:	WELL 01 - INACTIVE
Distance To Lust:	414.7713917
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported

LUST Region 5:

Substance:	GASOLINE		
Case Type:	Aquifer affected		
Program:	LUST		
Staff Initials:	DAM	Case Number:	5T54000377
Status:	Case Closed		
MTBE Code:	7		
Responsible Party:	WELLS FARGO BANK CORP PROP GRP		
County Name:	TULARE		

CORTESE:

Reg Id: 5T54000377
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

25 SOUTHERN CALIFORNIA GAS COMPANY - DINUBA TOWNE GAS
SE 216 SOUTH "O" STREET 237 SOUTH URAPAN STREET
> 1 DINUBA, CA 93618
6591 ft.
Higher

CA BOND EXP. PLAN S100833176
N/A

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DINUBA	U001587970	MIKE CHOLAKIAN	9615 HWY. 388	93618	HIST UST
DINUBA	S105087975	DINUBA UNIFIED SCHOOL DIST	735 / 759 S FIRST ST	93618	HAZNET
DINUBA	1004677219	CALPINE CONTAINERS INC DINUBA	42779 RD 80 ALTA	93618	RCRIS-SQG, FINDS
DINUBA	S103641730	AIR-O-FAN PRODUCTS CORPORATION	2125 NORTH ALTA	93618	HAZNET
DINUBA	S104310581	DINUBA SAWMIL & COGENERATION	6801 AVE 430	93618	CA WDS
DINUBA	1000593986	DINUBA ENERGY	6801 AVENUE 430 STE B	93618	HAZNET
DINUBA	U001587879	DINUBA PUBLIC WORKS DEPT	110 SO COLLEGE AVE	93618	HIST UST
DINUBA	1005584643	DINUBA, CITY OF WTF	110 S COLLEGE AVE	93618	FINDS
DINUBA	S101482777	CALIFORNIA GROWERS WINERIES (1)	CUTLER / YETTEM	93618	Cal-Sites
DINUBA	S102363015	DINUBA CITY DUMP	DINUBA SEWAGE TREATMENT PLANT; 6675 A\	93618	SWF/LF
DINUBA	U001587876	DINUBA EQUIPMENT AND TRACTOR A	1916 E EL MONTE WAY	93618	HIST UST
DINUBA	S102820974	S&H PAINT & BODY	2000 E EL MONTE WAY	93618	HAZNET
DINUBA	S103965658	GAS & SAVE	1081 E EL MONTE	93618	HAZNET
DINUBA	U001587851	AUTOMOTIVE CENTER	1818 E EL MONTE WAY	93618	HIST UST
DINUBA	S105033367	DINUBA EQUIPMENT RENTAL	1916 EL MONTE WAY	93618	HAZNET
DINUBA	S105083697	QUICK SHOP	180 MONTE	93618	HAZNET
DINUBA	S105032850	JOHN HARNESS & SON EXXON	1150 EL MONTE WAY E	93618	LUST, Cortese
DINUBA	S103065759	SO CAL GAS/DINUBA MGP	216 O	93618	Cortese
DINUBA	S103956891	CITY OF DINUBA/COMMUNITY DEV DEPT	7478 W SIERRA	93618	HAZNET
DINUBA	S103286324	CITY OF DINUBA PROPERTY	SIERRA WAY NW	93618	LUST, Cortese
DINUBA	U001587875	DINUBA COLD STORAGE	200 N STREET	93618	HIST UST
DINUBA	S103442448	CITY OF DINUBA LANDFILL	AVE 412 / RD 64	93618	WMUDS/SWAT
LONDON	S102796025	TULARE COUNTY/HOUSING AUTHORITY	37821-37977 ROAD 58/5788 AVE	93618	HAZNET
REEDLEY	U003788013	SUNRISE MINI MART	10015 ALTA	93654	LUST, UST, Fresno Co. CUPA
REEDLEY	S104549032	T.L. REED SCHOOL SITE - PROPOSED	SE CORNER OF FRANKWOOD / PARLIER AVE	93654	Cal-Sites
REEDLEY	S102359998	CITY OF REEDLEY LANDFILL	W/O FRANKWOOD AV S/O LIVERMORE N/O AD.	93654	SWF/LF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA
Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/18/02
Date Made Active at EDR: 09/20/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/01/02
Elapsed ASTM days: 50
Date of Last EDR Contact: 08/01/02

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Source: EPA
Telephone: N/A

Date of Government Version: 05/29/02
Date Made Active at EDR: 09/20/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/01/02
Elapsed ASTM days: 50
Date of Last EDR Contact: 08/01/02

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA
Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/23/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 09/23/02

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA
Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/03/02
Elapsed ASTM days: 25
Date of Last EDR Contact: 09/23/02

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/02/02
Date Made Active at EDR: 07/15/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/06/02
Elapsed ASTM days: 70
Date of Last EDR Contact: 09/09/02

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 09/09/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02
Elapsed ASTM days: 34
Date of Last EDR Contact: 09/24/02

ERNS: Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/01
Date Made Active at EDR: 07/15/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/02/02
Elapsed ASTM days: 13
Date of Last EDR Contact: 07/24/02

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 09/16/02
Date of Next Scheduled EDR Contact: 12/16/02

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/21/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/18/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/01/02
Date of Next Scheduled EDR Contact: 11/04/02

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 06/13/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 05/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/12/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 09/10/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/02
Date of Next Scheduled EDR Contact: 12/30/02

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/26/02
Date of Next Scheduled EDR Contact: 11/25/02

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-564-3887

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/28/02
Database Release Frequency: Annually

Date of Last EDR Contact: 08/02/02
Date of Next Scheduled EDR Contact: 11/11/02

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 09/24/02
Date of Next Scheduled EDR Contact: 12/23/02

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 09/09/02
Date of Next Scheduled EDR Contact: 12/09/02

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 04/25/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/24/02
Date of Next Scheduled EDR Contact: 12/23/02

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 10/22/02
Date of Next Scheduled EDR Contact: 01/20/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/25/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/24/02

Date of Next Scheduled EDR Contact: 12/23/02

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 10/04/02

Date Made Active at EDR: 10/23/02

Database Release Frequency: Annually

Date of Data Arrival at EDR: 10/07/02

Elapsed ASTM days: 16

Date of Last EDR Contact: 10/07/02

CAL-SITES: Calsites Database

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 10/01/00

Date Made Active at EDR: 11/22/00

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/30/00

Elapsed ASTM days: 23

Date of Last EDR Contact: 10/08/02

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-845-8400

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/94

Date Made Active at EDR: 04/24/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/13/95

Elapsed ASTM days: 42

Date of Last EDR Contact: 08/26/02

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-9100

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/01/01

Date Made Active at EDR: 07/26/01

Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/29/01

Elapsed ASTM days: 58

Date of Last EDR Contact: 07/24/02

NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board

Telephone: 916-445-3846

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 10/21/02

TOXIC PITS: Toxic Pits Cleanup Act Sites

Source: State Water Resources Control Board
Telephone: 916-227-4364

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 07/25/02

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board
Telephone: 916-341-6320

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/13/02
Date Made Active at EDR: 10/08/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/16/02
Elapsed ASTM days: 22
Date of Last EDR Contact: 09/16/02

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board
Telephone: 916-227-4448

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 09/11/02

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board
Telephone: 916-341-5740

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/11/02
Date Made Active at EDR: 09/03/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 07/18/02
Elapsed ASTM days: 47
Date of Last EDR Contact: 10/11/02

CA BOND EXP. PLAN: Bond Expenditure Plan

Source: Department of Health Services
Telephone: 916-255-2118

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89
Date Made Active at EDR: 08/02/94
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA UST:

UST: Active UST Facilities

Source: SWRCB

Telephone: 916-341-5700

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/17/02

Date Made Active at EDR: 02/12/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 01/21/02

Elapsed ASTM days: 22

Date of Last EDR Contact: 10/16/02

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/10/02

Date Made Active at EDR: 10/23/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/14/02

Elapsed ASTM days: 9

Date of Last EDR Contact: 10/14/02

CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency

Telephone: 916-445-6532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94

Date Made Active at EDR: 09/29/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95

Elapsed ASTM days: 24

Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board

Telephone: 916-341-5700

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90

Date Made Active at EDR: 02/12/91

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91

Elapsed ASTM days: 18

Date of Last EDR Contact: 07/26/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board

Telephone: 916-227-4382

Registered Aboveground Storage Tanks.

Date of Government Version: 05/21/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/29/02

Date of Next Scheduled EDR Contact: 11/04/02

CLEANERS: Cleaner Facilities

Source: Department of Toxic Substance Control

Telephone: 916-225-0873

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/18/02
Database Release Frequency: Annually

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

CA WDS: Waste Discharge System

Source: State Water Resources Control Board
Telephone: 916-657-1571
Sites which have been issued waste discharge requirements.

Date of Government Version: 09/16/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/23/02
Date of Next Scheduled EDR Contact: 12/23/02

DEED: List of Deed Restrictions

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 10/04/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

HAZNET: Hazardous Waste Information System

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 08/26/02
Date of Next Scheduled EDR Contact: 11/11/02

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 07/12/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/12/02
Date of Next Scheduled EDR Contact: 10/28/02

Underground Tanks

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 06/01/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/22/02
Date of Next Scheduled EDR Contact: 10/28/02

CONTRA COSTA COUNTY:

Site List

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 06/05/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/03/02
Date of Next Scheduled EDR Contact: 12/02/02

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FRESNO COUNTY:

CUPA Resources List

Source: Dept. of Community Health

Telephone: 559-445-3271

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/31/02

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/30/02

Date of Next Scheduled EDR Contact: 11/11/02

KERN COUNTY:

Underground Storage Tank Sites & Tanks Listing

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700

Kern County Sites and Tanks Listing.

Date of Government Version: 06/01/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/02

Date of Next Scheduled EDR Contact: 12/02/02

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Source: La County Department of Public Works

Telephone: 818-458-5185

Date of Government Version: 01/01/02

Database Release Frequency: Varies

Date of Last EDR Contact: 08/28/02

Date of Next Scheduled EDR Contact: 11/18/02

City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department

Telephone: 310-607-2239

Date of Government Version: 08/01/02

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/19/02

Date of Next Scheduled EDR Contact: 11/18/02

City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department

Telephone: 562-570-2543

Date of Government Version: 05/30/02

Database Release Frequency: Annually

Date of Last EDR Contact: 08/26/02

Date of Next Scheduled EDR Contact: 11/25/02

City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department

Telephone: 310-618-2973

Date of Government Version: 08/01/02

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/19/02

Date of Next Scheduled EDR Contact: 11/18/02

City of Los Angeles Landfills

Source: Engineering & Construction Division

Telephone: 213-473-7869

Date of Government Version: 03/01/02

Database Release Frequency: Varies

Date of Last EDR Contact: 09/16/02

Date of Next Scheduled EDR Contact: 12/16/02

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 08/29/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/19/02
Date of Next Scheduled EDR Contact: 11/18/02

Site Mitigation List

Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/28/02
Database Release Frequency: Annually

Date of Last EDR Contact: 08/19/02
Date of Next Scheduled EDR Contact: 11/18/02

San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/29/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 08/06/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/29/02
Date of Next Scheduled EDR Contact: 11/04/02

NAPA COUNTY:

Sites With Reported Contamination

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 09/30/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/02
Date of Next Scheduled EDR Contact: 12/30/02

Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 09/30/02
Database Release Frequency: Annually

Date of Last EDR Contact: 09/30/02
Date of Next Scheduled EDR Contact: 12/30/02

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/27/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

List of Underground Storage Tank Facilities

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/27/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

List of Industrial Site Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 10/24/00
Database Release Frequency: Annually

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

PLACER COUNTY:

Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/18/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/23/02
Date of Next Scheduled EDR Contact: 12/23/02

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/26/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

Underground Storage Tank Tank List

Source: Health Services Agency
Telephone: 909-358-5055
Date of Government Version: 09/04/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

SACRAMENTO COUNTY:

CS - Contaminated Sites

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 06/11/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/24/02
Date of Next Scheduled EDR Contact: 11/04/02

ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/11/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/24/02
Date of Next Scheduled EDR Contact: 11/04/02

SAN BERNARDINO COUNTY:

Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 06/27/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/10/02

SAN DIEGO COUNTY:

Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 08/26/02
Date of Next Scheduled EDR Contact: 11/25/02

Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/31/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/09/02
Date of Next Scheduled EDR Contact: 01/06/03

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 09/16/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 09/16/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN MATEO COUNTY:

Fuel Leak List

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 10/28/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/28/02
Date of Next Scheduled EDR Contact: 01/27/03

Business Inventory

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 05/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 01/14/02
Date of Next Scheduled EDR Contact: 01/13/03

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 07/23/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/02
Date of Next Scheduled EDR Contact: 12/30/02

Hazardous Material Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 01/03/02
Database Release Frequency: Annually

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

SOLANO COUNTY:

Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 06/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/17/02
Date of Next Scheduled EDR Contact: 12/16/02

Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 06/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/17/02
Date of Next Scheduled EDR Contact: 12/16/02

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 11/29/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/22/02
Date of Next Scheduled EDR Contact: 10/28/02

SUTTER COUNTY:**Underground Storage Tanks**

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 07/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/06/03

VENTURA COUNTY:**Inventory of Illegal Abandoned and Inactive Sites**

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 09/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 08/26/02
Date of Next Scheduled EDR Contact: 11/25/02

Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/04/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/02
Date of Next Scheduled EDR Contact: 12/16/02

Underground Tank Closed Sites List

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 04/22/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/02
Date of Next Scheduled EDR Contact: 01/13/03

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/13/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/02
Date of Next Scheduled EDR Contact: 12/16/02

YOLO COUNTY:**Underground Storage Tank Comprehensive Facility Report**

Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 05/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

California Regional Water Quality Control Board (RWQCB) LUST Records**LUST REG 1: Active Toxic Site Investigation**

Source: California Regional Water Quality Control Board North Coast (1)

Telephone: 707-576-2220

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/01

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/26/02

Date of Next Scheduled EDR Contact: 11/25/02

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457

Date of Government Version: 07/01/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/02

Date of Next Scheduled EDR Contact: 01/13/03

LUST REG 3: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147

Date of Government Version: 08/19/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/19/02

Date of Next Scheduled EDR Contact: 11/18/02

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Telephone: 213-266-6600

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 08/09/01

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/30/02

Date of Next Scheduled EDR Contact: 12/30/02

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-255-3125

Date of Government Version: 10/01/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02

Date of Next Scheduled EDR Contact: 01/06/03

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)

Telephone: 916-542-5424

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 01/02/02

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/08/02

Date of Next Scheduled EDR Contact: 01/06/03

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Telephone: 760-346-7491

Date of Government Version: 10/25/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02

Date of Next Scheduled EDR Contact: 01/06/03

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)

Telephone: 760-346-7491

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/02/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/02
Date of Next Scheduled EDR Contact: 12/30/02

LUST REG 8: Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 07/23/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/16/02
Date of Next Scheduled EDR Contact: 11/11/02

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 02/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/26/02
Date of Next Scheduled EDR Contact: 11/25/02

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 07/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/02
Date of Next Scheduled EDR Contact: 01/13/03

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 08/19/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/19/02
Date of Next Scheduled EDR Contact: 11/18/02

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 08/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/23/02
Date of Next Scheduled EDR Contact: 10/28/02

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-855-3075

Unregulated sites that impact groundwater or have the potential to impact groundwater.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/01/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 07/19/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/09/02
Date of Next Scheduled EDR Contact: 01/06/03

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 06/01/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 03/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 09/03/02
Date of Next Scheduled EDR Contact: 12/02/02

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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Version 3.0, 2010

By: [Name]

Date: [Date]

Client: [Client Name]

Page: 1 of 1

Project: [Project Name]

Project Description: [Project Description]

Project Objectives: [Project Objectives]

Project Scope: [Project Scope]

Table 1: [Table Title]			
[Table Subtitle]			
Location	Segment	Direction	Flow
[Location 1]	[Segment 1.1]	[Direction 1.1]	[Flow 1.1]
	[Segment 1.2]	[Direction 1.2]	[Flow 1.2]
[Location 2]	[Segment 2.1]	[Direction 2.1]	[Flow 2.1]
	[Segment 2.2]	[Direction 2.2]	[Flow 2.2]
[Location 3]	[Segment 3.1]	[Direction 3.1]	[Flow 3.1]
	[Segment 3.2]	[Direction 3.2]	[Flow 3.2]
[Location 4]	[Segment 4.1]	[Direction 4.1]	[Flow 4.1]
	[Segment 4.2]	[Direction 4.2]	[Flow 4.2]
[Location 5]	[Segment 5.1]	[Direction 5.1]	[Flow 5.1]
	[Segment 5.2]	[Direction 5.2]	[Flow 5.2]
[Location 6]	[Segment 6.1]	[Direction 6.1]	[Flow 6.1]
	[Segment 6.2]	[Direction 6.2]	[Flow 6.2]
[Location 7]	[Segment 7.1]	[Direction 7.1]	[Flow 7.1]
	[Segment 7.2]	[Direction 7.2]	[Flow 7.2]
[Location 8]	[Segment 8.1]	[Direction 8.1]	[Flow 8.1]
	[Segment 8.2]	[Direction 8.2]	[Flow 8.2]
[Location 9]	[Segment 9.1]	[Direction 9.1]	[Flow 9.1]
	[Segment 9.2]	[Direction 9.2]	[Flow 9.2]

Appendix E

Traffic Analysis

1. The first step in the process is to identify the problem or issue that needs to be addressed.

2. The second step is to gather information and data related to the problem.

3. The third step is to analyze the information and data to identify the root cause of the problem.

4. The fourth step is to develop a plan of action to address the problem.

5. The fifth step is to implement the plan of action.

6. The sixth step is to evaluate the results of the plan of action.

7. The seventh step is to make adjustments to the plan of action as needed.

8. The eighth step is to monitor the progress of the plan of action.

9. The ninth step is to report on the results of the plan of action.

10. The tenth step is to conclude the process.

11. The eleventh step is to document the results of the plan of action.

12. The twelfth step is to share the results of the plan of action with others.

13. The thirteenth step is to review the process and make improvements.

14. The fourteenth step is to repeat the process as needed.

Appendix A: Data Collection Methods

This appendix provides a detailed description of the data collection methods used in this study. It includes information on the sources of data, the instruments used, and the procedures for data collection.

The data for this study were collected from a variety of sources, including interviews, focus groups, and archival records. The interviews were conducted with individuals who had experience with the process being studied. The focus groups were conducted with groups of individuals who were also experienced with the process. The archival records were obtained from the organization's files.

Appendix B: Interview Schedule

This appendix provides a detailed description of the interview schedule used in this study. It includes information on the topics to be discussed, the duration of the interviews, and the procedures for conducting the interviews.

The interviews were conducted over a period of six weeks. The topics to be discussed were identified in advance of the interviews.

Appendix C: Focus Group Schedule

This appendix provides a detailed description of the focus group schedule used in this study. It includes information on the topics to be discussed, the duration of the focus groups, and the procedures for conducting the focus groups.

Appendix D: Data Analysis

This appendix provides a detailed description of the data analysis methods used in this study. It includes information on the software used, the procedures for data analysis, and the results of the analysis.

November 26, 2002

Mr. Bud Kopp
 Quad Knopf
 5110 West Cypress Avenue
 Visalia, CA 93277



Dear Mr. Kopp:

Pursuant to your request, we have completed an assessment of the future conditions with the completion of the Dinuba Northwest Specific Plan. This analysis has been completed for both the current General Plan (no project) and the Specific Plan (project) scenarios. The level of service analysis has been developed using the 2002 Florida Tables Methodology.

The 2002 Florida Tables are generalized planning tables based on the definitions and measurement techniques of the 2000 Highway Capacity Manual. This methodology incorporates both signalization characteristics (number of signals per mile) and roadway characteristics (number of lanes, left-turn pockets, divided/undivided) into the level of service determination. The 2002 Florida Tables separate facility types into freeways, uninterrupted flow highways, state, and non-state roadways. Within these various classifications, the facilities are separated by number of lanes and divided versus undivided. There are also adjustments for facility types not given in the tables. For each facility type under each classification are levels of service "A" through "F" with corresponding traffic volumes. These volumes are the maximum amount of traffic that a given facility with given characteristics can carry and maintain a given level of service. This maximum volume per level of service is also called the capacity of the facility.

Using this methodology, the following is the technical analysis of select roadways for the Dinuba Northwest Study.

Table 1: Segment Annual Average Daily Levels of Service			
Roadway	Segment	LOS	
		No Project	Project
Alta Avenue	Avenue 416 to Saginaw Avenue	D	D
	Saginaw Avenue to Avenue 424	C	C
Road 72	Avenue 416 to Saginaw Avenue	C	C
	Saginaw Avenue to Avenue 424	C	C
Avenue 416	Road 72 to Alice Avenue	D	
	Alice Avenue to Alta Avenue	D	
Saginaw Avenue	Road 72 to Alta Avenue		D
	Road 72 to Alice Avenue	C	C
Avenue 424	Alice Avenue to Alta Avenue	C	C
	Road 72 to Alice Avenue	C	C
Alice Avenue	Alice Avenue to Alta Avenue	C	C
	Avenue 416 to Saginaw Avenue	C	C
	Saginaw Avenue to Avenue 424	C	C

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 Visalia, California 93291
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 470 E. HERNDON, SUITE 203
 FRESNO, California 93720
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 AKRON, Ohio 44333
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 F330.836.0217

Letter to Mr. Bud Kopp
Quad Knopf
November 26, 2002
Page 2

As can be seen in Table 1, the following segments are projected to operate below the City of Dinuba's adopted level of service standard of "C":

No Project Conditions

- Alta Avenue – Avenue 416 (Nebraska) to Saginaw Avenue
- Avenue 416 -- Road 72 to Alice Avenue
- Avenue 416 – Alice Avenue to Alta Avenue

Project Conditions

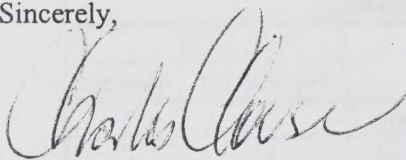
- Alta Avenue – Avenue 416 (Nebraska) to Saginaw Avenue
- Avenue 416 - Road 72 to Alta Avenue

The results of the evaluation suggest that with the completion of the Specific Plan, the levels of service will remain virtually the same as projected under the General Plan. Therefore the elimination of the portion of Alice between Saginaw and El Monte will not significantly impact the surrounding streets.

Attached, please find copies of the Tulare County Association of Governments' current Dinuba General Plan model plot and the Dinuba Northwest Specific Plan model plot, the *2002 Florida Tables* Table 4-2, the proposed land use and circulation plan, and the segment volumes and technical assumptions used in the analysis.

Thank you for the opportunity to provide you with this analysis. Feel free to contact me if you have any questions or need further assistance.

Sincerely,



Charles Clouse, AICP
Principal

Attachments: 5

S:\projects\02-744\report\letter



Current General Plan
2025 Model Plot

TABLE 4 - 2
GENERALIZED ANNUAL AVERAGE DAILY VOLUMES FOR FLORIDA'S
AREAS TRANSITIONING INTO URBANIZED AREAS OR
AREAS OVER 5,000 NOT IN URBANIZED AREAS*

UNINTERRUPTED FLOW HIGHWAYS						
		Level of Service				
Lanes Divided		A	B	C	D	E
2	Undivided	2,100	6,900	12,900	18,200	24,900
4	Divided	18,600	30,200	43,600	56,500	64,200
6	Divided	27,900	45,200	65,500	84,700	96,200

STATE TWO-WAY ARTERIALS						
Class I (>0.00 to 1.99 signalized intersections per mile)						
		Level of Service				
Lanes Divided		A	B	C	D	E
2	Undivided	**	4,000	13,100	15,500	16,300
4	Divided	4,600	27,900	32,800	34,200	***
6	Divided	6,900	42,800	49,300	51,400	***

Class II (2.00 to 4.50 signalized intersections per mile)						
		Level of Service				
Lanes Divided		A	B	C	D	E
2	Undivided	**	**	10,500	14,500	15,300
4	Divided	**	3,700	24,400	30,600	32,200
6	Divided	**	6,000	38,000	46,100	48,400

Class III (more than 4.5 signalized intersections per mile)						
		Level of Service				
Lanes Divided		A	B	C	D	E
2	Undivided	**	**	5,000	11,800	14,600
4	Divided	**	**	11,700	27,200	30,800
6	Divided	**	**	18,400	42,100	46,300

NON-STATE ROADWAYS						
Major City/County Roadways						
		Level of Service				
Lanes Divided		A	B	C	D	E
2	Undivided	**	**	7,000	13,600	14,600
4	Divided	**	**	16,400	29,300	30,900
6	Divided	**	**	25,700	44,100	46,400

Other Signalized Roadways (signalized intersection analysis)						
		Level of Service				
Lanes Divided		A	B	C	D	E
2	Undivided	**	**	4,400	9,400	12,000
4	Divided	**	**	10,300	20,200	24,000

Source:	Florida Department of Transportation	02/22/02
	Systems Planning Office	
	605 Suwannee Street, MS 19	
	Tallahassee, FL 32399-0450	
	http://www11.myflorida.com/planning/systems/sm/los/default.htm	

FREEWAYS						
		Level of Service				
Lanes		A	B	C	D	E
4		23,500	38,700	52,500	62,200	69,100
6		36,400	59,800	81,100	96,000	106,700
8		49,100	80,900	109,600	129,800	144,400
10		61,800	101,800	138,400	163,800	182,000

BICYCLE MODE						
(Note: Level of service for the bicycle mode in this table is based on roadway geometrics at 40 mph posted speed and traffic conditions, not number of bicyclists using the facility.) (Multiply motorized vehicle volumes shown below by number of directional roadway lanes to determine two-way maximum service volumes.)						
		Level of Service				
Paved Shoulder/ Bicycle Lane Coverage		A	B	C	D	E
0-49%		**	1,900	3,300	13,600	>13,600
50-84%		**	2,500	4,000	>4,000	***
85-100%		3,200	7,100	>7,100	***	***

PEDESTRIAN MODE						
(Note: Level of service for the pedestrian mode in this table is based on roadway geometric at 40 mph posted speed and traffic conditions, not number of pedestrians using the facility.) (Multiply motorized vehicle volumes shown by number of directional roadway lanes to determine two-way maximum service volumes.)						
		Level of Service				
% Sidewalk Coverage		A	B	C	D	E
0-49%		**	**	**	6,300	15,400
50-84%		**	**	**	9,800	18,800
85-100%		**	2,200	11,200	>11,200	***

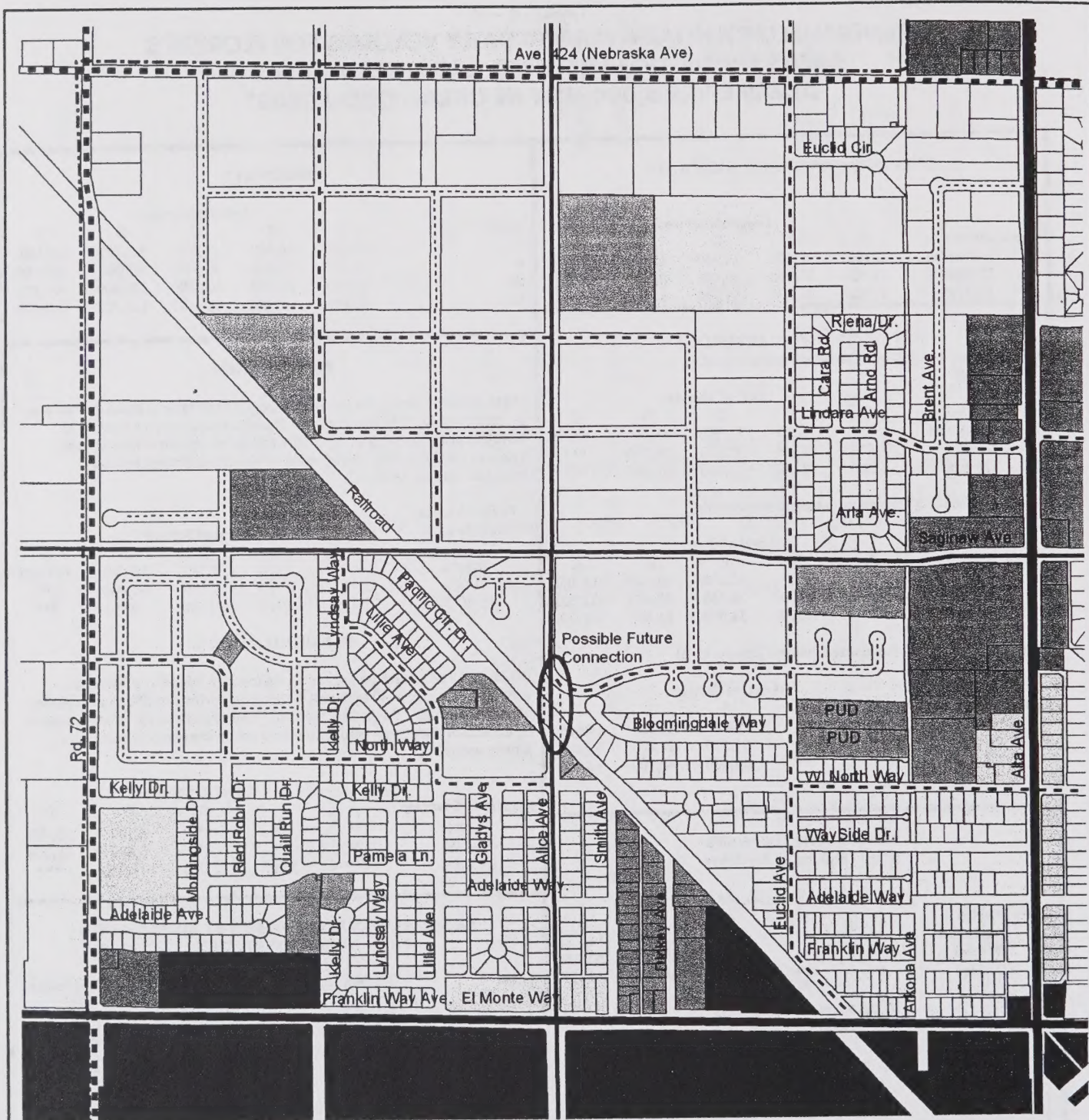
ARTERIAL/NON-STATE ROADWAY ADJUSTMENTS DIVIDED/UNDIVIDED			
Lanes	Median	Left Turn Lanes	Adjustment Factors
2	Divided	Yes	+5%
2	Undivided	No	-20%
Multi	Undivided	Yes	-5%
Multi	Undivided	No	-25%

ONE-WAY FACILITIES			
Decrease corresponding two-directional volumes in this table by 40% to obtain the equivalent one directional volume for one-way facilities.			

*This table does not constitute a standard and should be used only for general planning applications. The computer models from which this table is derived should be used for more specific planning applications. The table and deriving computer models should not be used for corridor or intersection design, where more refined techniques exist. Values shown are two-way annual average daily volumes (based on K₁₀₀ factors) for levels of service and are for the automobile/truck modes unless specifically stated. Level of service letter grade thresholds are probably not comparable across modes and, therefore, cross modal comparisons should be made with caution. Furthermore, combining levels of service of different modes into one overall roadway level of service is not recommended. The table's input value defaults and level of service criteria appear on the following page. Calculations are based on planning applications of the Highway Capacity Manual, Bicycle LOS Model, and Pedestrian LOS Model, respectively for the automobile/truck, bicycle and pedestrian modes.

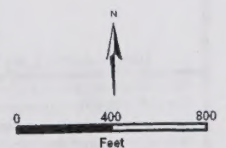
**Cannot be achieved using table input value defaults.

***Not applicable for the level of service letter grade. For automobile/truck modes, volumes greater than level of service D become F because intersection capacities have been reached. For bicycle and pedestrian modes, the level of service letter grade (including F) is not achievable, because there is no maximum vehicle volume threshold using table input value defaults.



Legend

City Limits	Parcels	Residential-High
Major Arterial	Residential-Low Density 1/2 Acre Minimum	Professional Office
Arterial	Residential-Medium Low 10,000 S.F. Minimum	Commercial-Community
Collector	Residential-Medium	Commercial-General
Minor Collector	Residential-Medium High	Park/Pond Basin
Future Local		Public/Semi-Public



Volumes & LOS Adjustments

Roadway	Segment	Volumes	
		No Project	Project
Alta Avenue	Ave 416 to Saginaw	19686	24433
4/divided/lefts	Saginaw to Ave 424	15680	16087
Road 72	Ave 416 to Saginaw	4754	4433
4/undivided/no lefts	Saginaw to Ave 424	5321	6939
Ave 416 (El Monte)	Rd 72 to Alice Ave	21399	
4/divided/lefts	Alice to Alta	28113	
	Rd 72 to Alta		22858
Saginaw Avenue	Rd 72 to Alice Ave	2299	2352
2/undivided/no lefts	Alice Avenue to Alta Avenue	2157	2990
Ave 424 (Nebraska)	Rd 72 to Alice Ave	3269	3353
4/undivided/no lefts	Alice Avenue to Alta Avenue	4951	4264
Alice Avenue	Ave 424 to Saginaw	1677	802
2/undivided/no lefts	Saginaw to Ave 416	4410	
Adjustments			
LOS	C	D	E
4 lanes undivided no lefts (-25%)	12300	21975	23175



December 16, 2002

Mr. Bud Kopp
 Quad Knopf
 5110 West Cypress Avenue
 Visalia, CA 93277

Dear Mr. Kopp:

Pursuant to your request, we have completed an assessment of the future conditions with the completion of the Dinuba Northwest Specific Plan. This analysis has been completed for both the current General Plan (no project) and the Specific Plan (project) scenarios. The level of service analysis has been developed using the 2002 Florida Tables Methodology.

The 2002 Florida Tables are generalized planning tables based on the definitions and measurement techniques of the 2000 Highway Capacity Manual. This methodology incorporates both signalization characteristics (number of signals per mile) and roadway characteristics (number of lanes, left-turn pockets, divided/undivided) into the level of service determination. The 2002 Florida Tables separate facility types into freeways, uninterrupted flow highways, state, and non-state roadways. Within these various classifications, the facilities are separated by number of lanes and divided versus undivided. There are also adjustments for facility types not given in the tables. For each facility type under each classification are levels of service "A" through "F" with corresponding traffic volumes. These volumes are the maximum amount of traffic that a given facility with given characteristics can carry and maintain a given level of service. This maximum volume per level of service is also called the capacity of the facility.

Using this methodology, the following is the technical analysis of select roadways for the Dinuba Northwest Study. Horizon years of 2015 and 2025 were completed for the project. 2015 corresponds to the horizon year of the General Plan while 2025 corresponds to the horizon year of the Regional Traffic Model.

Table 1:
Segment Annual Average Daily Levels of Service

Roadway	Segment	LOS		
		No Project	2015 w/Project	2025 w/Project
Alta Avenue	Ave. 416 to Saginaw Ave.	D	D	D
	Saginaw Ave. to Ave. 424	C	C	C
Road 72	Ave. 416 to Saginaw Ave.	C	C	C
	Saginaw Ave. to Ave. 424	C	C	C
Avenue 416	Road 72 to Alice Avenue	D		
	Alice Ave. to Alta Ave.	D		
	Road 72 to Alta Avenue		D	D
Saginaw Avenue	Road 72 to Alice Avenue	C	C	C
	Alice Ave. to Alta Ave.	C	C	C
Avenue 424	Road 72 to Alice Avenue	C	C	C
	Alice Ave. to Alta Ave.	C	C	C
Alice Avenue	Ave. 416 to Saginaw Ave.	C	C	C
	Saginaw Ave. to Ave. 424	C	C	C

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 711 N. COURT STREET, SUITE J
 Visalia, California 93291
 T559.739.8072
 F559.732.3089

FRESNO Office
 470 E. HERNDON, SUITE 203
 FRESNO, CALIFORNIA 93720
 T559.439.4881
 F559.439.1142

SAN LUIS OBISPO Office
 679 MONTEREY STREET
 SAN LUIS OBISPO, CALIFORNIA 93401
 T805.547.9498
 F805.547.9596

AKRON Office
 2451 FALMOUTH ROAD
 AKRON, OHIO 44333
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 F330.836.0217

Letter to Mr. Bud Kopp
Quad Knopf
December 16, 2002
Page 2

As can be seen in Table 1, the following segments are projected to operate below the City of Dinuba's adopted level of service standard of "C":

No Project Conditions

- Alta Avenue – Avenue 416 (Nebraska) to Saginaw Avenue
- Avenue 416 - - Road 72 to Alice Avenue
- Avenue 416 – Alice Avenue to Alta Avenue

2015 General Plan Conditions

- Alta Avenue – Avenue 416 (Nebraska) to Saginaw Avenue
- Avenue 416 - Road 72 to Alta Avenue

2025 Conditions

- Alta Avenue – Avenue 416 (Nebraska) to Saginaw Avenue
- Avenue 416 - Road 72 to Alta Avenue

The results of the evaluation suggest that with the completion of the Specific Plan, the levels of service will remain virtually the same as projected under the General Plan. Therefore the elimination of the portion of Alice between Saginaw and El Monte will not significantly impact the surrounding streets.

Attached, please find copies of the Tulare County Association of Governments' current Dinuba General Plan model plot and the Dinuba Northwest Specific Plan model plot, the 2002 Florida Tables Table 4-2, the proposed land use and circulation plan, and the segment volumes and technical assumptions used in the analysis.

Thank you for the opportunity to provide you with this analysis. Feel free to contact me if you have any questions or need further assistance.

Sincerely,

Charles Clouse, AICP
Principal

Attachments: 5



Tulare County Association of Governments City of Dinuba - Specific Plan LU Changes Year 2015

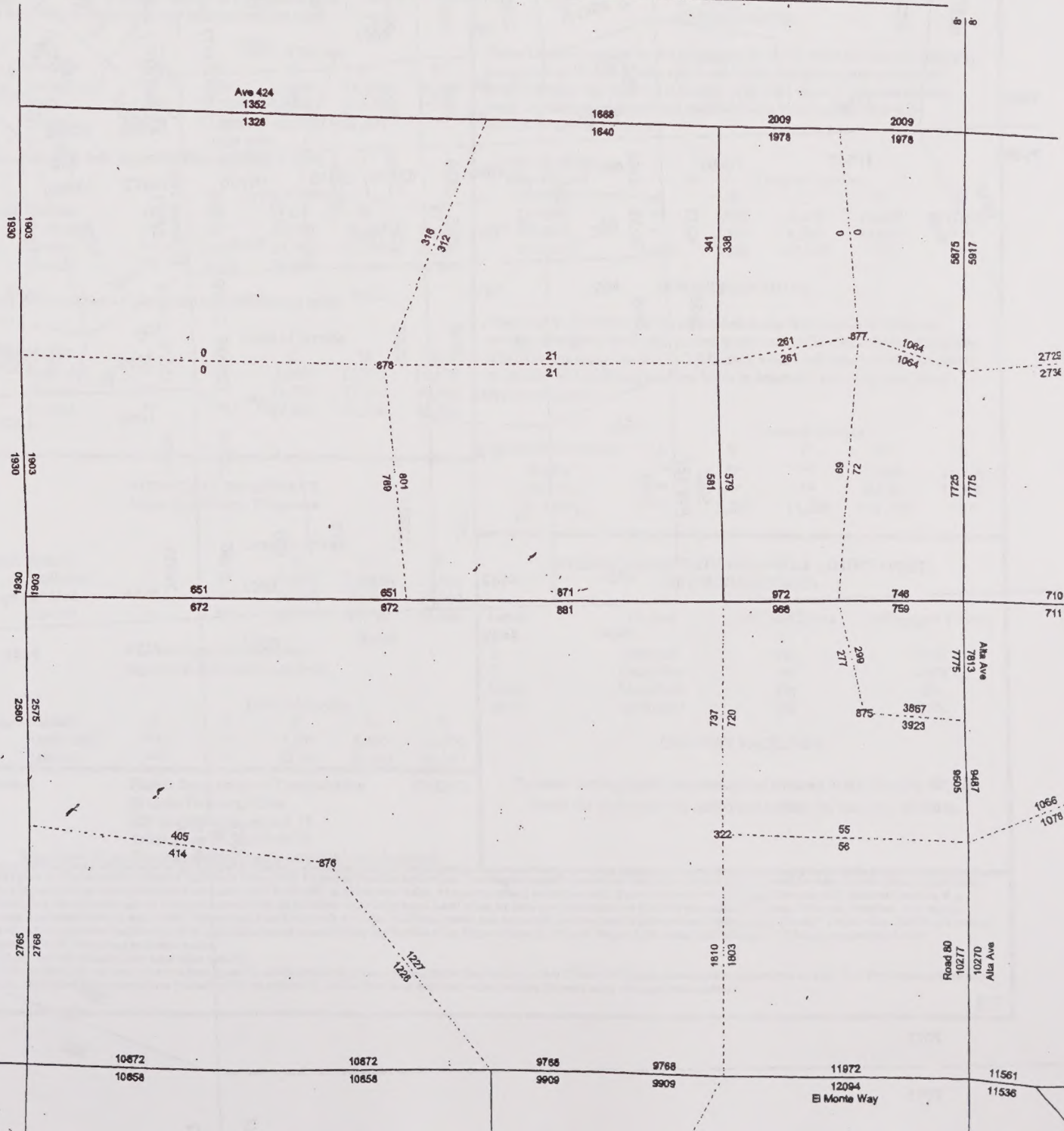


TABLE 4 - 2
GENERALIZED ANNUAL AVERAGE DAILY VOLUMES FOR FLORIDA'S
AREAS TRANSITIONING INTO URBANIZED AREAS OR
AREAS OVER 5,000 NOT IN URBANIZED AREAS*

UNINTERRUPTED FLOW HIGHWAYS						
		Level of Service				
Lanes	Divided	A	B	C	D	E
2	Undivided	2,100	6,900	12,900	18,200	24,900
4	Divided	18,600	30,200	43,600	56,500	64,200
6	Divided	27,900	45,200	65,500	84,700	96,200

STATE TWO-WAY ARTERIALS						
Class I (>0.00 to 1.99 signalized intersections per mile)						
		Level of Service				
Lanes	Divided	A	B	C	D	E
2	Undivided	**	4,000	13,100	15,500	16,300
4	Divided	4,600	27,900	32,800	34,200	***
6	Divided	6,900	42,800	49,300	51,400	***

Class II (2.00 to 4.50 signalized intersections per mile)						
		Level of Service				
Lanes	Divided	A	B	C	D	E
2	Undivided	**	**	10,500	14,500	15,300
4	Divided	**	3,700	24,400	30,600	32,200
6	Divided	**	6,000	38,000	46,100	48,400

Class III (more than 4.5 signalized intersections per mile)						
		Level of Service				
Lanes	Divided	A	B	C	D	E
2	Undivided	**	**	5,000	11,800	14,600
4	Divided	**	**	11,700	27,200	30,800
6	Divided	**	**	18,400	42,100	46,300

NON-STATE ROADWAYS						
Major City/County Roadways						
		Level of Service				
Lanes	Divided	A	B	C	D	E
2	Undivided	**	**	7,000	13,600	14,600
4	Divided	**	**	16,400	29,300	30,900
6	Divided	**	**	25,700	44,100	46,400

Other Signalized Roadways (signalized intersection analysis)						
		Level of Service				
Lanes	Divided	A	B	C	D	E
2	Undivided	**	**	4,400	9,400	12,000
4	Divided	**	**	10,300	20,200	24,000

FREEWAYS						
		Level of Service				
Lanes	Divided	A	B	C	D	E
4	Undivided	23,500	38,700	52,500	62,200	69,100
6	Divided	36,400	59,800	81,100	96,000	106,700
8	Divided	49,100	80,900	109,600	129,800	144,400
10	Divided	61,800	101,800	138,400	163,800	182,000

BICYCLE MODE					
(Note: Level of service for the bicycle mode in this table is based on roadway geometrics at 40 mph posted speed and traffic conditions, not number of bicyclists using the facility.) (Multiply motorized vehicle volumes shown below by number of directional roadway lanes to determine two-way maximum service volumes.)					
		Level of Service			
Paved Shoulder/ Bicycle Lane Coverage	A	B	C	D	E
0-49%	**	1,900	3,300	13,600	>13,600
50-84%	**	2,500	4,000	>4,000	***
85-100%	3,200	7,100	>7,100	***	***

PEDESTRIAN MODE					
(Note: Level of service for the pedestrian mode in this table is based on roadway geometric at 40 mph posted speed and traffic conditions, not number of pedestrians using the facility.) (Multiply motorized vehicle volumes shown by number of directional roadway lanes to determine two-way maximum service volumes.)					
		Level of Service			
% Sidewalk Coverage	A	B	C	D	E
0-49%	**	**	**	6,300	15,400
50-84%	**	**	**	9,800	18,800
85-100%	**	2,200	11,200	>11,200	***

ARTERIAL/NON-STATE ROADWAY ADJUSTMENTS					
DIVIDED/UNDIVIDED					
Lanes	Median	Left Turn Lanes	Adjustment Factors		
2	Divided	Yes	+5%		
2	Undivided	No	-20%		
Multi	Undivided	Yes	-5%		
Multi	Undivided	No	-25%		

ONE-WAY FACILITIES					
Decrease corresponding two-directional volumes in this table by 40% to obtain the equivalent one directional volume for one-way facilities.					

Source:

Florida Department of Transportation
Systems Planning Office
605 Suwannee Street, MS 19
Tallahassee, FL 32399-0450

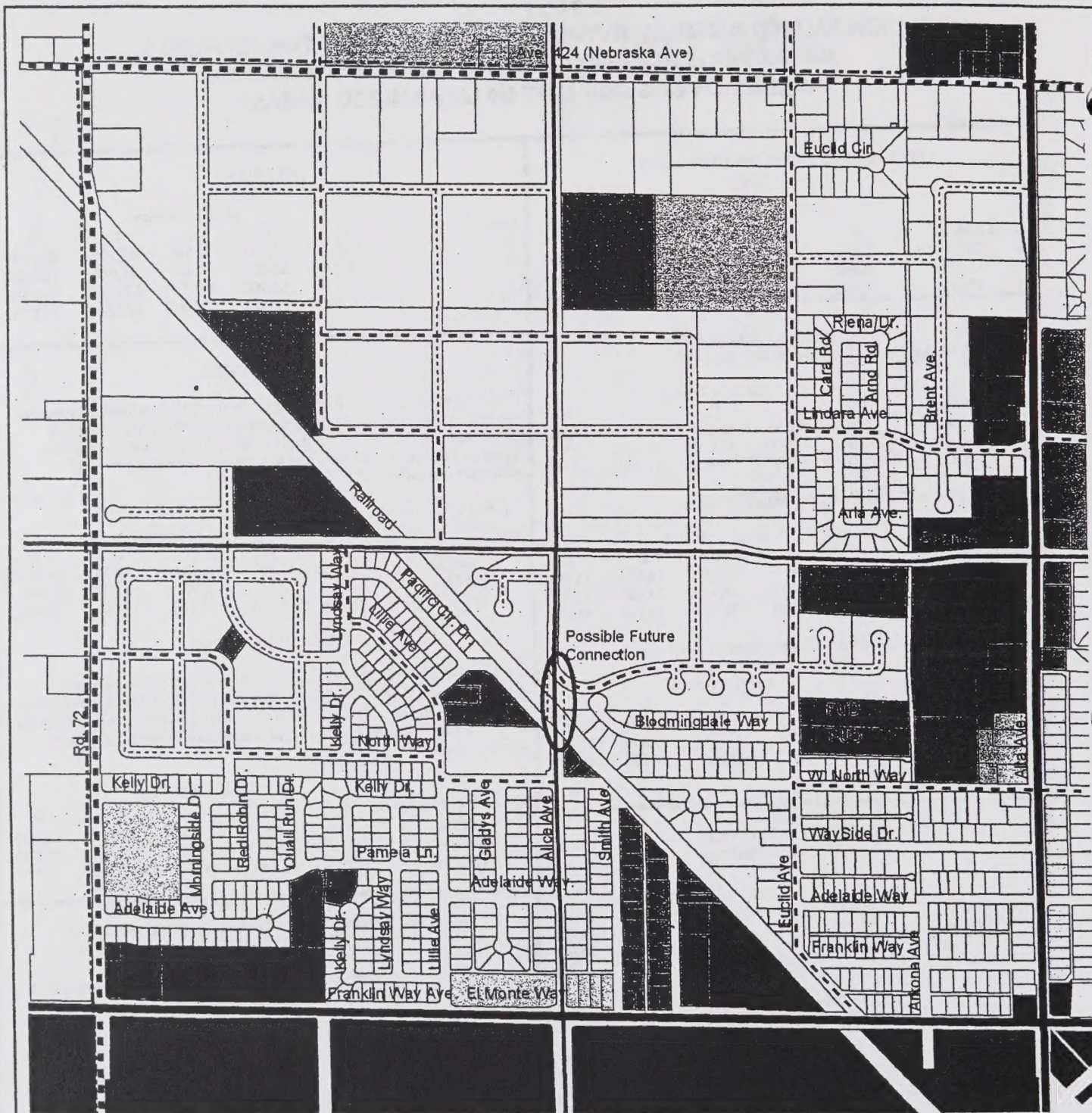
02/22/02

<http://www11.myflorida.com/planning/systems/sm/los/default.htm>

*This table does not constitute a standard and should be used only for general planning applications. The computer models from which this table is derived should be used for more specific planning applications. The table and deriving computer models should not be used for corridor or intersection design, where more refined techniques exist. Values shown are two-way annual average daily volumes (based on K₁₀₀ factors) for levels of service and are for the automobile/truck modes unless specifically stated. Level of service letter grade thresholds are probably not comparable across modes and, therefore, cross modal comparisons should be made with caution. Furthermore, combining levels of service of different modes into one overall roadway level of service is not recommended. The table's input value defaults and level of service criteria appear on the following page. Calculations are based on planning applications of the Highway Capacity Manual, Bicycle LOS Model, and Pedestrian LOS Model, respectively for the automobile/truck, bicycle and pedestrian modes.

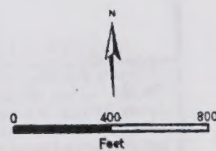
***Cannot be achieved using table input value defaults.

***Not applicable for the level of service letter grade. For automobile/truck modes, volumes greater than level of service D become F because intersection capacities have been reached. For bicycle and pedestrian modes, the level of service letter grade (including F) is not achievable, because there is no maximum vehicle volume threshold using table input value defaults.



Legend

- | | | |
|-----------------------------------|---|--|
| [Dashed Line] City Limits | [Thin Outline] Parcels | [Stippled Pattern] Residential-High |
| [Thick Solid Line] Major Arterial | [Thin Outline] Residential-Low Density 1/2 Acre Minimum | [Cross-hatched Pattern] Professional Office |
| [Dashed Line] Arterial | [Thin Outline] Residential-Medium Low 10,000 S.F. Minimum | [Dark Stippled Pattern] Commercial-Community |
| [Solid Line] Collector | [Thin Outline] Residential-Medium | [Dark Solid Pattern] Commercial-General |
| [Dashed Line] Minor Collector | [Dark Stippled Pattern] Residential-Medium High | [Dark Solid Pattern] Park/Pond Basin |
| [Dotted Line] Future Local | | [Stippled Pattern] Public/Semi-Public |



Volumes & LOS Adjustments

Roadway	Segment	Volumes		
		No Project	2015 w/Project	2025 w/Project
Alta Avenue	Ave 416 to Saginaw	19,686	18,376	24,433
4/divided/lefts	Saginaw to Ave 424	15,680	13,646	16,087
Road 72	Ave 416 to Saginaw	4,754	5,344	4,433
4/undivided/no lefts	Saginaw to Ave 424	5,321	3,833	6,939
Ave 416 (El Monte)	Rd 72 to Alice Ave	21,399		
4/divided/lefts	Alice to Alta	28,113		
	Rd 72 to Alta		21,824	22,858
Saginaw Avenue	Rd 72 to Alice Ave	2,299	1,323	2,352
2/undivided/no lefts	Alice Avenue to Alta Avenue	2,157	1,732	2,990
Ave 424 (Nebraska)	Rd 72 to Alice Ave	3,269	2,680	3,353
4/undivided/no lefts	Alice Avenue to Alta Avenue	4,951	3,648	4,264
Alice Avenue	Ave 424 to Saginaw	1,677	628	802
2/undivided/no lefts	Saginaw to Ave 416	4,410		
LOS Capacities		C	D	E
4 lanes undivided no lefts (-25%)		12,300	21,975	23,175
4 lanes divided with lefts		16,400	29,300	30,900

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